

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
 Data File : VX038324.D
 Acq On : 17 Oct 2023 13:08
 Operator : JC/MD
 Sample : VX1017WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 18 03:56:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	169687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	286049	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	278782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	120911	44.301	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.600%		
35) Dibromofluoromethane	5.385	113	100607	48.811	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.620%		
50) Toluene-d8	8.647	98	365610	46.419	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.840%		
62) 4-Bromofluorobenzene	11.079	95	143718	48.131	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	38867	23.730	ug/l	97
3) Chloromethane	1.300	50	36675	21.969	ug/l	94
4) Vinyl Chloride	1.374	62	41742	22.552	ug/l	98
5) Bromomethane	1.605	94	35299	13.905	ug/l	97
6) Chloroethane	1.684	64	27452	20.436	ug/l	99
7) Trichlorofluoromethane	1.886	101	74487	20.374	ug/l	100
8) Diethyl Ether	2.130	74	26675	19.564	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	35888	22.486	ug/l	98
10) Methyl Iodide	2.453	142	48488	21.115	ug/l	94
11) Tert butyl alcohol	2.953	59	54153	82.450	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	34924	22.495	ug/l	88
13) Acrolein	2.233	56	34769	89.611	ug/l	97
14) Allyl chloride	2.666	41	51980	18.719	ug/l	95
15) Acrylonitrile	3.062	53	118791	95.641	ug/l	99
16) Acetone	2.379	43	121923	107.037	ug/l	90
17) Carbon Disulfide	2.514	76	82605	18.461	ug/l	100
18) Methyl Acetate	2.703	43	99239	20.316	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	118981	19.243	ug/l	96
20) Methylene Chloride	2.788	84	41636	19.433	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	39666	20.635	ug/l	87
22) Diisopropyl ether	3.757	45	107582	18.485	ug/l #	97
23) Vinyl Acetate	3.721	43	387875	90.879	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	66115	18.719	ug/l	99
25) 2-Butanone	4.550	43	171623	93.382	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	50897	18.457	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	45278	19.778	ug/l	89
28) Bromochloromethane	4.897	49	27865	17.476	ug/l #	78
29) Tetrahydrofuran	5.001	42	107909	90.182	ug/l #	87
30) Chloroform	5.092	83	75160	19.460	ug/l	99
31) Cyclohexane	5.470	56	54633	18.476	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	64261	19.425	ug/l	98
36) 1,1-Dichloropropene	5.690	75	52834	18.588	ug/l	95
37) Ethyl Acetate	4.708	43	60773	18.003	ug/l #	93
38) Carbon Tetrachloride	5.678	117	54540	19.506	ug/l	99
39) Methylcyclohexane	7.379	83	65092	19.552	ug/l	94
40) Benzene	6.037	78	154082	19.382	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
 Data File : VX038324.D
 Acq On : 17 Oct 2023 13:08
 Operator : JC/MD
 Sample : VX1017WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 18 03:56:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	30224	17.998	ug/l #	84
42) 1,2-Dichloroethane	6.086	62	58850	18.528	ug/l	97
43) Isopropyl Acetate	6.336	43	88443	17.551	ug/l #	95
44) Trichloroethene	7.129	130	44020	21.171	ug/l	95
45) 1,2-Dichloropropane	7.427	63	38717	18.817	ug/l	98
46) Dibromomethane	7.586	93	31007	19.430	ug/l	96
47) Bromodichloromethane	7.824	83	52489	18.489	ug/l	97
48) Methyl methacrylate	7.696	41	44101	18.332	ug/l #	87
49) 1,4-Dioxane	7.659	88	23131	390.194	ug/l #	86
51) 4-Methyl-2-Pentanone	8.573	43	321443	92.478	ug/l	95
52) Toluene	8.720	92	102944	19.879	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	54685	17.946	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	60202	18.804	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	42745	19.298	ug/l	95
56) Ethyl methacrylate	9.116	69	62930	18.530	ug/l	90
57) 1,3-Dichloropropane	9.311	76	69331	19.353	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	142510	85.488	ug/l	98
59) 2-Hexanone	9.427	43	263842	94.420	ug/l	94
60) Dibromochloromethane	9.518	129	41867	19.313	ug/l	99
61) 1,2-Dibromoethane	9.610	107	47878	19.988	ug/l	100
64) Tetrachloroethene	9.275	164	36267	20.095	ug/l	98
65) Chlorobenzene	10.079	112	113959	19.535	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	39581	20.065	ug/l	99
67) Ethyl Benzene	10.195	91	201726	19.373	ug/l	100
68) m/p-Xylenes	10.299	106	157695	39.166	ug/l	98
69) o-Xylene	10.640	106	76202	19.391	ug/l	98
70) Styrene	10.652	104	127745	19.961	ug/l	96
71) Bromoform	10.799	173	29986	18.311	ug/l #	100
73) Isopropylbenzene	10.963	105	205861	20.122	ug/l	98
74) N-amyl acetate	10.841	43	79065	18.097	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	73085	19.468	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	65732m	18.953	ug/l	
77) Bromobenzene	11.195	156	51721	20.707	ug/l	86
78) n-propylbenzene	11.305	91	245370	19.615	ug/l	99
79) 2-Chlorotoluene	11.366	91	142513	19.210	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	175696	19.906	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	16799	17.037	ug/l	97
82) 4-Chlorotoluene	11.451	91	168237	19.164	ug/l	96
83) tert-Butylbenzene	11.713	119	171526	19.888	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	175728	19.968	ug/l	97
85) sec-Butylbenzene	11.890	105	223491	20.004	ug/l	99
86) p-Isopropyltoluene	12.006	119	185341	20.107	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	98453	19.625	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	100706	19.662	ug/l	98
89) n-Butylbenzene	12.335	91	175828	19.154	ug/l	97
90) Hexachloroethane	12.536	117	27937	18.280	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	96248	19.959	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16765	18.471	ug/l	79
93) 1,2,4-Trichlorobenzene	13.585	180	63687	19.691	ug/l	96
94) Hexachlorobutadiene	13.725	225	25771	19.796	ug/l	98
95) Naphthalene	13.774	128	222356	19.741	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	61372	19.597	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
Data File : VX038324.D
Acq On : 17 Oct 2023 13:08
Operator : JC/MD
Sample : VX1017WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 18 03:56:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

Quant Time: Oct 18 03:56:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

