

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092523\
 Data File : VX037885.D
 Acq On : 25 Sep 2023 10:34
 Operator : JC/MD
 Sample : VX0925WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/26/2023
 Supervised By : Semsettin Yesilyurt 09/26/2023

Quant Time: Sep 26 06:56:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	245427	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	400039	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	383041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165925	51.457	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.920%			
35) Dibromofluoromethane	5.385	113	144989	54.167	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.340%			
50) Toluene-d8	8.647	98	531792	53.470	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.940%			
62) 4-Bromofluorobenzene	11.079	95	199821	55.290	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.580%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	44171	17.075	ug/l	99
3) Chloromethane	1.301	50	48297	17.159	ug/l	96
4) Vinyl Chloride	1.374	62	54019	17.790	ug/l	99
5) Bromomethane	1.605	94	40070	18.433	ug/l	99
6) Chloroethane	1.691	64	35112	16.785	ug/l	98
7) Trichlorofluoromethane	1.892	101	91120	18.665	ug/l	99
8) Diethyl Ether	2.136	74	34468	18.224	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	47253	19.073	ug/l	95
10) Methyl Iodide	2.453	142	55636	16.969	ug/l	93
11) Tert butyl alcohol	2.953	59	57061	82.442	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	44618	18.635	ug/l	85
13) Acrolein	2.233	56	60100	87.895	ug/l	98
14) Allyl chloride	2.666	41	71833	18.013	ug/l	# 95
15) Acrylonitrile	3.063	53	137365	89.263	ug/l	99
16) Acetone	2.380	43	129458	83.457	ug/l	# 89
17) Carbon Disulfide	2.514	76	100242	16.698	ug/l	98
18) Methyl Acetate	2.703	43	101503	18.139	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	164076	18.628	ug/l	98
20) Methylene Chloride	2.788	84	54380	18.946	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	49748	18.711	ug/l	86
22) Diisopropyl ether	3.757	45	154989	18.659	ug/l	# 93
23) Vinyl Acetate	3.721	43	562986	92.143	ug/l	97
24) 1,1-Dichloroethane	3.611	63	92691	18.621	ug/l	100
25) 2-Butanone	4.556	43	185568	84.773	ug/l	93
26) 2,2-Dichloropropane	4.477	77	77618	19.298	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	60833	18.663	ug/l	90
28) Bromochloromethane	4.898	49	39276	16.914	ug/l	# 81
29) Tetrahydrofuran	5.007	42	115384	84.742	ug/l	90
30) Chloroform	5.093	83	101690	18.964	ug/l	100
31) Cyclohexane	5.465	56	72869	17.607	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	87459	19.263	ug/l	97
36) 1,1-Dichloropropene	5.696	75	71002	19.256	ug/l	99
37) Ethyl Acetate	4.715	43	74493	18.377	ug/l	97
38) Carbon Tetrachloride	5.684	117	74192	19.231	ug/l	96
39) Methylcyclohexane	7.379	83	83223	17.784	ug/l	94
40) Benzene	6.044	78	210387	18.555	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092523\
 Data File : VX037885.D
 Acq On : 25 Sep 2023 10:34
 Operator : JC/MD
 Sample : VX0925WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/26/2023
 Supervised By :Semsettin Yesilyurt 09/26/2023

Quant Time: Sep 26 06:56:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	37397	18.093	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	77037	18.798	ug/l	97
43) Isopropyl Acetate	6.342	43	117315	18.099	ug/l	96
44) Trichloroethene	7.129	130	57892	18.334	ug/l	95
45) 1,2-Dichloropropane	7.428	63	55050	18.695	ug/l	96
46) Dibromomethane	7.586	93	41372	19.532	ug/l	92
47) Bromodichloromethane	7.824	83	76273	19.552	ug/l	98
48) Methyl methacrylate	7.696	41	54759	17.672	ug/l #	86
49) 1,4-Dioxane	7.659	88	26326	324.080	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	373958	90.934	ug/l	95
52) Toluene	8.720	92	138605	18.967	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	80617	19.764	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	87473	19.376	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	60194	19.537	ug/l	97
56) Ethyl methacrylate	9.116	69	83840	18.228	ug/l	92
57) 1,3-Dichloropropane	9.311	76	95223	19.099	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	194730	90.667	ug/l	98
59) 2-Hexanone	9.433	43	287906	89.916	ug/l	95
60) Dibromochloromethane	9.519	129	60954	19.860	ug/l	99
61) 1,2-Dibromoethane	9.610	107	62331	19.108	ug/l	98
64) Tetrachloroethene	9.275	164	48516	18.572	ug/l	97
65) Chlorobenzene	10.080	112	153995	18.638	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	55679	19.016	ug/l	97
67) Ethyl Benzene	10.195	91	268542	18.747	ug/l	99
68) m/p-Xylenes	10.299	106	209982	37.935	ug/l	98
69) o-Xylene	10.640	106	103071	18.569	ug/l	97
70) Styrene	10.653	104	171999	19.302	ug/l	96
71) Bromoform	10.799	173	45448	19.649	ug/l #	98
73) Isopropylbenzene	10.964	105	275495	17.898	ug/l	98
74) N-amyl acetate	10.842	43	107059	17.174	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	94853	17.521	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	84504m	17.414	ug/l	
77) Bromobenzene	11.195	156	69316	18.194	ug/l	88
78) n-propylbenzene	11.305	91	325811	18.742	ug/l	100
79) 2-Chlorotoluene	11.366	91	190790	17.800	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	236578	18.199	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24959	16.476	ug/l	93
82) 4-Chlorotoluene	11.451	91	223569	18.527	ug/l	96
83) tert-Butylbenzene	11.713	119	232375	17.687	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	235243	18.188	ug/l	97
85) sec-Butylbenzene	11.890	105	299152	18.769	ug/l	99
86) p-Isopropyltoluene	12.006	119	250344	18.852	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	132587	18.669	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	136283	18.753	ug/l	98
89) n-Butylbenzene	12.329	91	230382	19.804	ug/l	98
90) Hexachloroethane	12.536	117	40501	18.000	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	132857	18.322	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18820	17.440	ug/l	77
93) 1,2,4-Trichlorobenzene	13.585	180	89965	21.063	ug/l	98
94) Hexachlorobutadiene	13.725	225	40614	20.362	ug/l	98
95) Naphthalene	13.774	128	279436	19.344	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	88761	20.194	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092523\
Data File : VX037885.D
Acq On : 25 Sep 2023 10:34
Operator : JC/MD
Sample : VX0925WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023

Quant Time: Sep 26 06:56:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration

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

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

Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023

[illegible]