

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070524\
 Data File : VX042203.D
 Acq On : 05 Jul 2024 11:01
 Operator : JC/MD
 Sample : VX0705WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/08/2024
 Supervised By : Mahesh Dadoda 07/08/2024

Quant Time: Jul 05 23:18:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	164336	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	232348	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87192	46.012	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.020%		
35) Dibromofluoromethane	5.385	113	80589	48.882	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.760%		
50) Toluene-d8	8.647	98	268806	46.412	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.820%		
62) 4-Bromofluorobenzene	11.079	95	105110	49.232	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.460%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	27174	21.705	ug/l	98
3) Chloromethane	1.301	50	29047	18.494	ug/l	97
4) Vinyl Chloride	1.374	62	28048	17.815	ug/l	100
5) Bromomethane	1.593	94	15991	20.569	ug/l	99
6) Chloroethane	1.666	64	14377	20.126	ug/l	98
7) Trichlorofluoromethane	1.867	101	43217	20.951	ug/l	100
8) Diethyl Ether	2.136	74	17942	18.530	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.313	101	28521	20.072	ug/l #	86
10) Methyl Iodide	2.441	142	33106	18.745	ug/l #	87
11) Tert butyl alcohol	2.995	59	32431	90.176	ug/l #	94
12) 1,1-Dichloroethene	2.306	96	26807	18.913	ug/l	80
13) Acrolein	2.239	56	32311	80.148	ug/l	98
14) Allyl chloride	2.654	41	42968	19.115	ug/l	89
15) Acrylonitrile	3.068	53	91102	96.981	ug/l	98
16) Acetone	2.392	43	70799	85.085	ug/l #	86
17) Carbon Disulfide	2.502	76	53709	18.584	ug/l	100
18) Methyl Acetate	2.709	43	39343	17.332	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	95331	20.358	ug/l	100
20) Methylene Chloride	2.782	84	32033	17.581	ug/l	91
21) trans-1,2-Dichloroethene	3.081	96	27821	19.340	ug/l	85
22) Diisopropyl ether	3.763	45	91623	19.283	ug/l	91
23) Vinyl Acetate	3.721	43	410992	101.282	ug/l	96
24) 1,1-Dichloroethane	3.605	63	51350	19.298	ug/l	97
25) 2-Butanone	4.568	43	123120	95.107	ug/l	94
26) 2,2-Dichloropropane	4.465	77	37723	19.577	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	35190	19.531	ug/l	86
28) Bromochloromethane	4.897	49	22267	19.538	ug/l #	70
29) Tetrahydrofuran	5.013	42	81207	97.131	ug/l	93
30) Chloroform	5.086	83	53454	19.282	ug/l	99
31) Cyclohexane	5.464	56	42990	19.398	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	44834	19.355	ug/l	95
36) 1,1-Dichloropropene	5.684	75	34853	19.908	ug/l	96
37) Ethyl Acetate	4.727	43	45879	20.118	ug/l	96
38) Carbon Tetrachloride	5.672	117	38292	19.796	ug/l	99
39) Methylcyclohexane	7.379	83	45488	20.545	ug/l	95
40) Benzene	6.031	78	117239	19.856	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070524\
 Data File : VX042203.D
 Acq On : 05 Jul 2024 11:01
 Operator : JC/MD
 Sample : VX0705WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/08/2024
 Supervised By : Mahesh Dadoda 07/08/2024

Quant Time: Jul 05 23:18:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	25182	20.370	ug/l	91
42) 1,2-Dichloroethane	6.086	62	38758	20.379	ug/l	91
43) Isopropyl Acetate	6.348	43	69021	19.717	ug/l #	94
44) Trichloroethene	7.129	130	31837	20.116	ug/l	81
45) 1,2-Dichloropropane	7.427	63	29009	19.981	ug/l	99
46) Dibromomethane	7.586	93	21350	20.183	ug/l #	73
47) Bromodichloromethane	7.824	83	37981	19.556	ug/l	99
48) Methyl methacrylate	7.696	41	33213	19.881	ug/l #	84
49) 1,4-Dioxane	7.665	88	14730m	346.517	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	238599	98.951	ug/l	94
52) Toluene	8.714	92	75770	20.152	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	38453	19.571	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	43470	20.444	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	31531	20.131	ug/l	96
56) Ethyl methacrylate	9.116	69	49332	20.245	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	51067	20.180	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	122712	108.066	ug/l	92
59) 2-Hexanone	9.433	43	182715	98.934	ug/l	93
60) Dibromochloromethane	9.519	129	34024	19.998	ug/l	98
61) 1,2-Dibromoethane	9.610	107	33335	20.522	ug/l	98
64) Tetrachloroethene	9.275	164	30971	20.094	ug/l	92
65) Chlorobenzene	10.079	112	87218	19.810	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	30906	20.050	ug/l	98
67) Ethyl Benzene	10.195	91	139282	20.186	ug/l	99
68) m/p-Xylenes	10.299	106	113055	40.590	ug/l	92
69) o-Xylene	10.640	106	56566	20.513	ug/l	91
70) Styrene	10.652	104	92959	20.103	ug/l	94
71) Bromoform	10.799	173	26847	19.088	ug/l #	99
73) Isopropylbenzene	10.963	105	143049	20.650	ug/l	97
74) N-amyl acetate	10.841	43	59277	19.264	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	50436	19.581	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	39859m	19.271	ug/l	
77) Bromobenzene	11.201	156	41051	19.897	ug/l	77
78) n-propylbenzene	11.305	91	154168	20.511	ug/l	96
79) 2-Chlorotoluene	11.366	91	97085	20.047	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	118529	20.542	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	13415	18.420	ug/l	93
82) 4-Chlorotoluene	11.457	91	109139	20.387	ug/l	93
83) tert-Butylbenzene	11.713	119	129927	20.521	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	120110	20.748	ug/l	93
85) sec-Butylbenzene	11.890	105	147525	20.601	ug/l	95
86) p-Isopropyltoluene	12.006	119	128065	20.472	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	72378	19.958	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	74035	19.897	ug/l	96
89) n-Butylbenzene	12.335	91	94920	19.712	ug/l	97
90) Hexachloroethane	12.536	117	20806	19.536	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	75485	20.342	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10104	19.794	ug/l #	50
93) 1,2,4-Trichlorobenzene	13.591	180	48652	20.014	ug/l	94
94) Hexachlorobutadiene	13.725	225	24188	19.677	ug/l	99
95) Naphthalene	13.774	128	153029	19.202	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	50945	19.871	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070524\
Data File : VX042203.D
Acq On : 05 Jul 2024 11:01
Operator : JC/MD
Sample : VX0705WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/08/2024

Quant Time: Jul 05 23:18:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration

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

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

