

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060523\
 Data File : VX035996.D
 Acq On : 05 Jun 2023 12:11
 Operator : JC/MD
 Sample : VX0605WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/06/2023
 Supervised By : Mahesh Dadoda 06/06/2023

Quant Time: Jun 06 06:42:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	200599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	353298	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	316396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	154088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	176292	54.120	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.240%			
35) Dibromofluoromethane	5.385	113	118945	50.056	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.120%			
50) Toluene-d8	8.647	98	430966	50.534	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.060%			
62) 4-Bromofluorobenzene	11.079	95	175918	52.254	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	40925	18.673	ug/l	99
3) Chloromethane	1.294	50	42622	17.014	ug/l	98
4) Vinyl Chloride	1.374	62	41774	17.752	ug/l	97
5) Bromomethane	1.618	94	24163	15.590	ug/l	98
6) Chloroethane	1.691	64	26578	19.182	ug/l	98
7) Trichlorofluoromethane	1.886	101	62376	18.838	ug/l	97
8) Diethyl Ether	2.130	74	25915	18.021	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	39967	19.448	ug/l	100
10) Methyl Iodide	2.453	142	34406	14.222	ug/l	98
11) Tert butyl alcohol	3.038	59	58117m	100.462	ug/l	
12) 1,1-Dichloroethene	2.319	96	36268	18.022	ug/l	97
13) Acrolein	2.246	56	52805	94.763	ug/l	100
14) Allyl chloride	2.660	41	74181	17.931	ug/l	99
15) Acrylonitrile	3.075	53	128107	94.253	ug/l	99
16) Acetone	2.404	43	134284	99.923	ug/l	99
17) Carbon Disulfide	2.514	76	82373	16.335	ug/l	98
18) Methyl Acetate	2.709	43	102107	19.544	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	152787	19.381	ug/l	98
20) Methylene Chloride	2.788	84	45003	17.384	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	40156	17.455	ug/l	99
22) Diisopropyl ether	3.757	45	153395	19.063	ug/l	99
23) Vinyl Acetate	3.721	43	557407	98.596	ug/l	100
24) 1,1-Dichloroethane	3.611	63	82585	18.504	ug/l	99
25) 2-Butanone	4.568	43	188619	98.062	ug/l	97
26) 2,2-Dichloropropane	4.471	77	68745	20.208	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	48013	17.389	ug/l	98
28) Bromochloromethane	4.891	49	51338	21.966	ug/l	100
29) Tetrahydrofuran	5.019	42	120255	97.019	ug/l	100
30) Chloroform	5.086	83	87139	18.956	ug/l	95
31) Cyclohexane	5.464	56	67349	19.747	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	75560	19.451	ug/l	100
36) 1,1-Dichloropropene	5.690	75	61203	19.317	ug/l	100
37) Ethyl Acetate	4.715	43	71398	20.234	ug/l	99
38) Carbon Tetrachloride	5.678	117	61769	20.005	ug/l	99
39) Methylcyclohexane	7.379	83	66228	20.034	ug/l	97
40) Benzene	6.038	78	173193	18.213	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060523\
 Data File : VX035996.D
 Acq On : 05 Jun 2023 12:11
 Operator : JC/MD
 Sample : VX0605WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/06/2023
 Supervised By : Mahesh Dadoda 06/06/2023

Quant Time: Jun 06 06:42:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	40940	20.453	ug/l	99
42) 1,2-Dichloroethane	6.086	62	77556	20.595	ug/l	100
43) Isopropyl Acetate	6.336	43	114273	19.696	ug/l	100
44) Trichloroethene	7.123	130	44009	17.841	ug/l	97
45) 1,2-Dichloropropane	7.428	63	48015	19.184	ug/l	99
46) Dibromomethane	7.580	93	33505	19.271	ug/l	97
47) Bromodichloromethane	7.818	83	64810	19.817	ug/l	98
48) Methyl methacrylate	7.690	41	57054	20.052	ug/l	99
49) 1,4-Dioxane	7.757	88	24524	376.343	ug/l #	79
51) 4-Methyl-2-Pentanone	8.574	43	365936	103.327	ug/l	100
52) Toluene	8.714	92	109992	18.398	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	67490	19.522	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	72435	18.974	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	45876	18.418	ug/l	98
56) Ethyl methacrylate	9.116	69	71388	19.170	ug/l	99
57) 1,3-Dichloropropane	9.305	76	82611	19.272	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.238	63	154040	78.945	ug/l	100
59) 2-Hexanone	9.427	43	279722	106.834	ug/l	99
60) Dibromochloromethane	9.519	129	45427	18.787	ug/l	99
61) 1,2-Dibromoethane	9.610	107	46952	18.439	ug/l	97
64) Tetrachloroethene	9.275	164	36105	18.159	ug/l	97
65) Chlorobenzene	10.079	112	116897	18.311	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	42864	19.090	ug/l	99
67) Ethyl Benzene	10.195	91	216444	19.050	ug/l	98
68) m/p-Xylenes	10.299	106	164050	38.058	ug/l	99
69) o-Xylene	10.640	106	80223	18.520	ug/l	99
70) Styrene	10.653	104	133003	19.003	ug/l	99
71) Bromoform	10.799	173	28103	18.072	ug/l #	99
73) Isopropylbenzene	10.963	105	210858	18.831	ug/l	99
74) N-amyl acetate	10.842	43	97917	20.063	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	73950	19.307	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	64785m	18.641	ug/l	
77) Bromobenzene	11.195	156	47607	17.193	ug/l	94
78) n-propylbenzene	11.305	91	249620	19.752	ug/l	99
79) 2-Chlorotoluene	11.360	91	155958	18.949	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	182069	19.286	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	17622	17.079	ug/l	89
82) 4-Chlorotoluene	11.451	91	182292	19.297	ug/l	100
83) tert-Butylbenzene	11.713	119	173261	19.210	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	184670	19.061	ug/l	100
85) sec-Butylbenzene	11.890	105	215212	20.117	ug/l	99
86) p-Isopropyltoluene	12.006	119	181140	19.805	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	93897	18.512	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	96310	18.024	ug/l	99
89) n-Butylbenzene	12.329	91	158257	20.481	ug/l	100
90) Hexachloroethane	12.536	117	27124	18.701	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	92658	18.350	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15859	20.063	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	53377	18.165	ug/l	99
94) Hexachlorobutadiene	13.725	225	21739	19.448	ug/l	98
95) Naphthalene	13.774	128	191115	18.687	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	51917	17.911	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060523\
Data File : VX035996.D
Acq On : 05 Jun 2023 12:11
Operator : JC/MD
Sample : VX0605WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

Quant Time: Jun 06 06:42:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

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

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

