

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028752.D
 Acq On : 17 May 2022 13:02
 Operator : JC/MD
 Sample : VX0517WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 04:47:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	193910	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	324054	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	300902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	148329	55.804	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.600%			
35) Dibromofluoromethane	5.391	113	119151	56.120	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 112.240%			
50) Toluene-d8	8.653	98	441196	55.117	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.240%			
62) 4-Bromofluorobenzene	11.079	95	163521	54.693	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.380%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	55843	21.994	ug/l	99
3) Chloromethane	1.288	50	50733	21.217	ug/l	98
4) Vinyl Chloride	1.373	62	55911	21.697	ug/l	98
5) Bromomethane	1.599	94	39743	18.302	ug/l	98
6) Chloroethane	1.684	64	38761	22.676	ug/l	99
7) Trichlorofluoromethane	1.885	101	107089	26.066	ug/l	99
8) Diethyl Ether	2.135	74	39118	26.131	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	57460	26.578	ug/l	97
10) Methyl Iodide	2.452	142	57106	22.063	ug/l	93
11) Tert butyl alcohol	2.965	59	64290	109.485	ug/l	100
12) 1,1-Dichloroethene	2.318	96	52853	26.336	ug/l	99
13) Acrolein	2.233	56	44344	101.639	ug/l	96
14) Allyl chloride	2.666	41	71218	22.126	ug/l	90
15) Acrylonitrile	3.062	53	154778	120.858	ug/l	99
16) Acetone	2.379	43	156543	137.225	ug/l	89
17) Carbon Disulfide	2.513	76	106555	20.482	ug/l	100
18) Methyl Acetate	2.702	43	69098	24.184	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	166364	23.360	ug/l	99
20) Methylene Chloride	2.788	84	52713	22.025	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	48992	21.673	ug/l	97
22) Diisopropyl ether	3.763	45	158664	23.067	ug/l #	88
23) Vinyl Acetate	3.721	43	704072	118.735	ug/l	94
24) 1,1-Dichloroethane	3.611	63	90010	22.509	ug/l	98
25) 2-Butanone	4.556	43	213328	119.135	ug/l	99
26) 2,2-Dichloropropane	4.476	77	69505	22.168	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	59139	22.400	ug/l	99
28) Bromochloromethane	4.903	49	37768	22.438	ug/l	92
29) Tetrahydrofuran	5.007	42	138279	118.802	ug/l	94
30) Chloroform	5.092	83	98652	22.795	ug/l	92
31) Cyclohexane	5.470	56	78839	21.368	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	84009	22.235	ug/l	98
36) 1,1-Dichloropropene	5.696	75	69030	21.647	ug/l	100
37) Ethyl Acetate	4.714	43	80124	24.056	ug/l	98
38) Carbon Tetrachloride	5.677	117	71396	22.247	ug/l	94
39) Methylcyclohexane	7.385	83	84468	23.097	ug/l	97
40) Benzene	6.043	78	207752	22.668	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028752.D
 Acq On : 17 May 2022 13:02
 Operator : JC/MD
 Sample : VX0517WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 04:47:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	41531	23.255	ug/l	93
42) 1,2-Dichloroethane	6.092	62	77271	22.857	ug/l	99
43) Isopropyl Acetate	6.342	43	125002	23.989	ug/l	95
44) Trichloroethene	7.128	130	55877	22.480	ug/l	100
45) 1,2-Dichloropropane	7.433	63	53220	23.274	ug/l	97
46) Dibromomethane	7.586	93	39261	22.991	ug/l	93
47) Bromodichloromethane	7.823	83	72823	22.970	ug/l	100
48) Methyl methacrylate	7.695	41	60153	23.897	ug/l	87
49) 1,4-Dioxane	7.665	88	29706	472.386	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	424632	123.715	ug/l	94
52) Toluene	8.720	92	134024	22.733	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	73716	21.177	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	82813	23.214	ug/l #	89
55) 1,1,2-Trichloroethane	9.152	97	57083	23.744	ug/l	99
56) Ethyl methacrylate	9.116	69	86348	23.718	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	94391	23.279	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	170660	95.749	ug/l	99
59) 2-Hexanone	9.433	43	330235	123.838	ug/l	90
60) Dibromochloromethane	9.524	129	55614	23.720	ug/l	96
61) 1,2-Dibromoethane	9.610	107	58998	23.366	ug/l	99
64) Tetrachloroethene	9.274	164	50919	22.409	ug/l	97
65) Chlorobenzene	10.079	112	144691	22.667	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	52403	23.174	ug/l	100
67) Ethyl Benzene	10.195	91	256712	22.437	ug/l	98
68) m/p-Xylenes	10.305	106	202766	45.519	ug/l	99
69) o-Xylene	10.646	106	99569	22.703	ug/l	99
70) Styrene	10.658	104	165366	23.218	ug/l	98
71) Bromoform	10.799	173	37762	21.256	ug/l #	100
73) Isopropylbenzene	10.963	105	257961	22.668	ug/l	99
74) N-amyl acetate	10.847	43	103622	23.165	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	95048	24.347	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	83579m	23.783	ug/l	
77) Bromobenzene	11.201	156	61321	22.774	ug/l	97
78) n-propylbenzene	11.305	91	300412	22.822	ug/l	100
79) 2-Chlorotoluene	11.365	91	179483	22.247	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	218908	23.086	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21849	20.982	ug/l #	77
82) 4-Chlorotoluene	11.457	91	209312	22.442	ug/l	100
83) tert-Butylbenzene	11.713	119	217650	23.707	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	219928	23.129	ug/l	100
85) sec-Butylbenzene	11.890	105	271833	24.004	ug/l	100
86) p-Isopropyltoluene	12.012	119	229337	24.134	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	118935	22.520	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	120375	21.974	ug/l	97
89) n-Butylbenzene	12.335	91	194268	23.595	ug/l	97
90) Hexachloroethane	12.542	117	35617	23.177	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	119468	23.027	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	23079	27.686	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	81809	27.301	ug/l	98
94) Hexachlorobutadiene	13.725	225	35498	29.160	ug/l	92
95) Naphthalene	13.780	128	285356	26.761	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	80694	26.812	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
Data File : VX028752.D
Acq On : 17 May 2022 13:02
Operator : JC/MD
Sample : VX0517WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

Quant Time: May 18 04:47:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

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

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

