

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
 Data File : VX029077.D
 Acq On : 31 May 2022 16:06
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX053122

Quant Time: Jun 01 04:57:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/01/2022
 Supervised By : Mahesh Dadoda 06/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	309511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	480999	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	451437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	245320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	162079	46.439	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.880%		
35) Dibromofluoromethane	5.385	113	150392	47.072	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.140%		
50) Toluene-d8	8.647	98	561543	48.056	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.120%		
62) 4-Bromofluorobenzene	11.079	95	217884	48.237	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	136036	50.549	ug/l	99
3) Chloromethane	1.288	50	128792	45.738	ug/l	99
4) Vinyl Chloride	1.374	62	148324	47.899	ug/l	98
5) Bromomethane	1.593	94	72311	50.799	ug/l	99
6) Chloroethane	1.678	64	95307	41.358	ug/l	99
7) Trichlorofluoromethane	1.880	101	229866	47.762	ug/l	98
8) Diethyl Ether	2.130	74	87165	47.257	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	136067	47.670	ug/l	96
10) Methyl Iodide	2.447	142	148269	43.018	ug/l	98
11) Tert butyl alcohol	2.965	59	186990	231.275	ug/l	99
12) 1,1-Dichloroethene	2.312	96	131287	47.063	ug/l	94
13) Acrolein	2.233	56	80541	219.857	ug/l	98
14) Allyl chloride	2.660	41	197150	47.058	ug/l	99
15) Acrylonitrile	3.062	53	395201	237.395	ug/l	100
16) Acetone	2.380	43	315269	229.396	ug/l	98
17) Carbon Disulfide	2.508	76	345433	45.148	ug/l	100
18) Methyl Acetate	2.703	43	166495	46.841	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	456267	48.208	ug/l	99
20) Methylene Chloride	2.782	84	150720	47.037	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	149082	47.371	ug/l	94
22) Diisopropyl ether	3.763	45	403278	48.126	ug/l	98
23) Vinyl Acetate	3.721	43	1744995	249.344	ug/l	100
24) 1,1-Dichloroethane	3.605	63	245669	47.385	ug/l	98
25) 2-Butanone	4.550	43	524028	236.370	ug/l	100
26) 2,2-Dichloropropane	4.471	77	206661	48.587	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	174303	46.441	ug/l	92
28) Bromochloromethane	4.897	49	98391	47.165	ug/l	85
29) Tetrahydrofuran	5.001	42	340285	239.352	ug/l	99
30) Chloroform	5.092	83	275756	47.978	ug/l	99
31) Cyclohexane	5.464	56	221477	48.811	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	248786	47.801	ug/l	97
36) 1,1-Dichloropropene	5.690	75	199930	48.634	ug/l	98
37) Ethyl Acetate	4.714	43	196963	49.437	ug/l	98
38) Carbon Tetrachloride	5.672	117	229110	48.767	ug/l	99
39) Methylcyclohexane	7.379	83	260007	51.165	ug/l	97
40) Benzene	6.037	78	595955	48.946	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
 Data File : VX029077.D
 Acq On : 31 May 2022 16:06
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX053122

Quant Time: Jun 01 04:57:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/01/2022
 Supervised By : Mahesh Dadoda 06/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	107757	50.075	ug/l	96
42) 1,2-Dichloroethane	6.086	62	198961	48.186	ug/l	98
43) Isopropyl Acetate	6.342	43	306167	49.121	ug/l	99
44) Trichloroethene	7.123	130	178248	49.374	ug/l	98
45) 1,2-Dichloropropane	7.427	63	144151	49.128	ug/l	98
46) Dibromomethane	7.580	93	110117	48.175	ug/l	97
47) Bromodichloromethane	7.824	83	216325	48.007	ug/l	100
48) Methyl methacrylate	7.690	41	151335	49.915	ug/l	96
49) 1,4-Dioxane	7.659	88	89175	961.202	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	1008988	243.388	ug/l	99
52) Toluene	8.720	92	401654	49.384	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	231138	49.909	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	250914	49.518	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	164918	48.731	ug/l	99
56) Ethyl methacrylate	9.116	69	243057	50.597	ug/l	99
57) 1,3-Dichloropropane	9.311	76	263059	48.766	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	599778	263.476	ug/l	93
59) 2-Hexanone	9.433	43	795140	246.459	ug/l	98
60) Dibromochloromethane	9.525	129	185129	48.064	ug/l	98
61) 1,2-Dibromoethane	9.610	107	177443	48.477	ug/l	98
64) Tetrachloroethene	9.275	164	170574	50.182	ug/l	98
65) Chlorobenzene	10.079	112	450200	48.545	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	171277	47.911	ug/l	99
67) Ethyl Benzene	10.195	91	780351	50.079	ug/l	97
68) m/p-Xylenes	10.305	106	631521	100.915	ug/l	97
69) o-Xylene	10.640	106	308933	49.951	ug/l	97
70) Styrene	10.659	104	523629	50.873	ug/l	98
71) Bromoform	10.799	173	147135	47.673	ug/l #	99
73) Isopropylbenzene	10.963	105	803892	48.763	ug/l	99
74) N-amyl acetate	10.841	43	263471	49.356	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	259812	46.750	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	238932m	48.045	ug/l	
77) Bromobenzene	11.201	156	205335	46.700	ug/l	93
78) n-propylbenzene	11.305	91	920542	50.205	ug/l	97
79) 2-Chlorotoluene	11.366	91	557947	48.142	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	697798	49.442	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	81609	48.144	ug/l	99
82) 4-Chlorotoluene	11.457	91	643651	48.515	ug/l	97
83) tert-Butylbenzene	11.713	119	701893	48.658	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	697134	49.485	ug/l	98
85) sec-Butylbenzene	11.890	105	860713	50.824	ug/l	99
86) p-Isopropyltoluene	12.012	119	750043	50.657	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	397093	47.917	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	402577	47.143	ug/l	99
89) n-Butylbenzene	12.335	91	619397	51.552	ug/l	99
90) Hexachloroethane	12.542	117	128087	47.580	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	393759	48.236	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	58837	47.416	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	252500	49.601	ug/l	99
94) Hexachlorobutadiene	13.725	225	112040	52.761	ug/l	93
95) Naphthalene	13.774	128	831235	51.063	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	251568	50.043	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
Data File : VX029077.D
Acq On : 31 May 2022 16:06
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX053122

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

Quant Time: Jun 01 04:57:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration

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

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

