

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029161.D
 Acq On : 03 Jun 2022 01:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/03/2022
 Supervised By :Semsettin Yesilyurt 06/03/2022

Quant Time: Jun 03 04:36:59 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)

Internal Standards						
1) Pentafluorobenzene	5.556	168	241640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	417979	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	377119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157822	57.920	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 115.840%			
35) Dibromofluoromethane	5.391	113	143691	51.756	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.520%			
50) Toluene-d8	8.653	98	524211	51.625	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.260%			
62) 4-Bromofluorobenzene	11.085	95	201090	51.232	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	129988	61.869	ug/l	97
3) Chloromethane	1.288	50	117605	53.495	ug/l	99
4) Vinyl Chloride	1.374	62	133284	55.131	ug/l	98
5) Bromomethane	1.605	94	60436	54.696	ug/l	100
6) Chloroethane	1.678	64	85889	49.176	ug/l	99
7) Trichlorofluoromethane	1.886	101	213607	56.850	ug/l	98
8) Diethyl Ether	2.136	74	78766	54.698	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	130085	58.375	ug/l	99
10) Methyl Iodide	2.453	142	165826	59.797	ug/l	98
11) Tert butyl alcohol	2.989	59	187076	296.371	ug/l	97
12) 1,1-Dichloroethene	2.319	96	126969	58.299	ug/l	95
13) Acrolein	2.239	56	63286	221.278	ug/l	98
14) Allyl chloride	2.666	41	189855	58.045	ug/l	97
15) Acrylonitrile	3.068	53	401263	308.737	ug/l	99
16) Acetone	2.379	43	320094	298.325	ug/l	98
17) Carbon Disulfide	2.514	76	301215	50.426	ug/l	100
18) Methyl Acetate	2.703	43	176627	63.649	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	452089	61.182	ug/l	99
20) Methylene Chloride	2.788	84	149502	59.762	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	141036	57.401	ug/l	96
22) Diisopropyl ether	3.763	45	408026	62.369	ug/l	95
23) Vinyl Acetate	3.721	43	1729061	316.463	ug/l	100
24) 1,1-Dichloroethane	3.611	63	246601	60.925	ug/l	99
25) 2-Butanone	4.556	43	529013	305.641	ug/l	99
26) 2,2-Dichloropropane	4.477	77	143275	43.146	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	166114	56.691	ug/l	92
28) Bromochloromethane	4.903	49	94512	58.031	ug/l	97
29) Tetrahydrofuran	5.007	42	344489	310.368	ug/l	97
30) Chloroform	5.098	83	268202	59.770	ug/l	99
31) Cyclohexane	5.476	56	214778	60.630	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	234560	57.727	ug/l	98
36) 1,1-Dichloropropene	5.696	75	193324	54.117	ug/l	99
37) Ethyl Acetate	4.721	43	198929	57.459	ug/l	99
38) Carbon Tetrachloride	5.678	117	204507	50.093	ug/l	99
39) Methylcyclohexane	7.385	83	235303	53.285	ug/l	99
40) Benzene	6.037	78	585190	55.308	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	107814	57.656	ug/l	96
42) 1,2-Dichloroethane	6.086	62	197121	54.939	ug/l	98
43) Isopropyl Acetate	6.342	43	299798	55.351	ug/l	99
44) Trichloroethene	7.129	130	163428	52.133	ug/l	93
45) 1,2-Dichloropropane	7.433	63	144740	56.766	ug/l	99
46) Dibromomethane	7.586	93	104144	52.431	ug/l	95
47) Bromodichloromethane	7.824	83	202961	51.832	ug/l	99
48) Methyl methacrylate	7.696	41	150620	57.169	ug/l	95
49) 1,4-Dioxane	7.671	88	84569	1048.993	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	1006205	279.312	ug/l	99
52) Toluene	8.720	92	387328	54.803	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	201766	50.136	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	225125	51.127	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	159084	54.094	ug/l	99
56) Ethyl methacrylate	9.116	69	235462	56.406	ug/l	97
57) 1,3-Dichloropropane	9.311	76	256532	54.726	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	549513	277.791	ug/l	96
59) 2-Hexanone	9.433	43	784203	279.717	ug/l	98
60) Dibromochloromethane	9.525	129	160747	48.026	ug/l	96
61) 1,2-Dibromoethane	9.610	107	169798	53.383	ug/l	99
64) Tetrachloroethene	9.275	164	144586	50.919	ug/l	96
65) Chlorobenzene	10.079	112	408287	52.701	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	152240	50.978	ug/l	99
67) Ethyl Benzene	10.195	91	732855	56.299	ug/l	99
68) m/p-Xylenes	10.305	106	574857	109.963	ug/l	99
69) o-Xylene	10.646	106	283764	54.923	ug/l	100
70) Styrene	10.658	104	479152	55.725	ug/l	99
71) Bromoform	10.805	173	112638	43.688	ug/l #	99
73) Isopropylbenzene	10.963	105	737032	58.230	ug/l	99
74) N-amyl acetate	10.847	43	252009	61.489	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	245522	57.541	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	217232m	56.895	ug/l	
77) Bromobenzene	11.201	156	174171	51.593	ug/l	97
78) n-propylbenzene	11.305	91	837640	59.502	ug/l	99
79) 2-Chlorotoluene	11.366	91	512606	57.608	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	629408	58.085	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	59423	45.660	ug/l	90
82) 4-Chlorotoluene	11.457	91	586936	57.622	ug/l	99
83) tert-Butylbenzene	11.719	119	613439	55.389	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	630951	58.334	ug/l	99
85) sec-Butylbenzene	11.890	105	766851	58.978	ug/l	100
86) p-Isopropyltoluene	12.012	119	643681	56.623	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	332983	52.335	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	336018	51.251	ug/l	97
89) n-Butylbenzene	12.335	91	532033	57.674	ug/l	100
90) Hexachloroethane	12.542	117	100996	48.864	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	339480	54.166	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	55417	58.168	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	205809	52.658	ug/l	98
94) Hexachlorobutadiene	13.725	225	83184	51.001	ug/l	93
95) Naphthalene	13.780	128	763542	61.092	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	209319	54.234	ug/l	95

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

