

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031244.D
 Acq On : 09 Sep 2022 04:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/09/2022
 Supervised By :Mahesh Dadoda 09/09/2022

Quant Time: Sep 09 05:37:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	37299	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	61830	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	67243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49309	55.838	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.680%			
35) Dibromofluoromethane	5.385	113	34424	51.091	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.180%			
50) Toluene-d8	8.653	98	112295	45.872	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.740%			
62) 4-Bromofluorobenzene	11.079	95	44752	49.885	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.760%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	31695	52.877	ug/l	100
3) Chloromethane	1.288	50	20254	43.973	ug/l	100
4) Vinyl Chloride	1.374	62	26905	49.482	ug/l	94
5) Bromomethane	1.612	94	19584	56.373	ug/l	98
6) Chloroethane	1.685	64	18719	61.370	ug/l	96
7) Trichlorofluoromethane	1.886	101	74020	62.474	ug/l	100
8) Diethyl Ether	2.136	74	18998	56.453	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.331	101	33248	49.623	ug/l	95
10) Methyl Iodide	2.453	142	40993	49.480	ug/l #	75
11) Tert butyl alcohol	2.995	59	50957	331.115	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	32190	51.116	ug/l	94
13) Acrolein	2.240	56	32914	268.373	ug/l	99
14) Allyl chloride	2.666	41	38661	45.700	ug/l #	63
15) Acrylonitrile	3.069	53	85891	255.436	ug/l	96
16) Acetone	2.386	43	91617	299.634	ug/l	89
17) Carbon Disulfide	2.508	76	78635	50.789	ug/l	100
18) Methyl Acetate	2.703	43	39590	50.016	ug/l #	85
19) Methyl tert-butyl Ether	3.117	73	130158	58.191	ug/l #	86
20) Methylene Chloride	2.788	84	36249	50.441	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	34422	49.332	ug/l	100
22) Diisopropyl ether	3.764	45	84223	47.411	ug/l #	92
23) Vinyl Acetate	3.727	43	387664	259.988	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	61103	51.857	ug/l	97
25) 2-Butanone	4.562	43	115551	255.133	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	44522	42.225	ug/l	92
27) cis-1,2-Dichloroethene	4.495	96	40030	49.969	ug/l	98
28) Bromochloromethane	4.898	49	19701	46.110	ug/l #	67
29) Tetrahydrofuran	5.013	42	62948	235.412	ug/l #	72
30) Chloroform	5.099	83	77695	55.744	ug/l	99
31) Cyclohexane	5.477	56	43146	43.723	ug/l #	77
32) 1,1,1-Trichloroethane	5.391	97	79392	63.199	ug/l	96
36) 1,1-Dichloropropene	5.696	75	50938	50.482	ug/l	95
37) Ethyl Acetate	4.715	43	43602	48.709	ug/l	98
38) Carbon Tetrachloride	5.672	117	68194	64.234	ug/l	98
39) Methylcyclohexane	7.379	83	53115	46.090	ug/l	97
40) Benzene	6.038	78	127865	46.647	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	23583	50.384	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	69610	62.026	ug/l	92
43) Isopropyl Acetate	6.349	43	70965	50.282	ug/l #	97
44) Trichloroethene	7.129	130	37549	48.733	ug/l	93
45) 1,2-Dichloropropane	7.434	63	29232	43.394	ug/l	97
46) Dibromomethane	7.580	93	27847	52.131	ug/l	94
47) Bromodichloromethane	7.824	83	62134	59.797	ug/l	93
48) Methyl methacrylate	7.696	41	35533	51.702	ug/l #	84
49) 1,4-Dioxane	7.684	88	19639	1035.136	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	215396	249.236	ug/l	92
52) Toluene	8.720	92	86640	47.922	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	59501	54.968	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	59664	51.340	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	37732	50.762	ug/l	96
56) Ethyl methacrylate	9.116	69	58659	53.565	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	61942	48.228	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	118841	230.258	ug/l #	88
59) 2-Hexanone	9.433	43	169411	259.217	ug/l	96
60) Dibromochloromethane	9.525	129	46441	60.602	ug/l	99
61) 1,2-Dibromoethane	9.610	107	40975	49.605	ug/l	98
64) Tetrachloroethene	9.275	164	32411	46.301	ug/l	95
65) Chlorobenzene	10.080	112	93767	47.362	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	41686	53.906	ug/l	94
67) Ethyl Benzene	10.195	91	185729	51.767	ug/l	96
68) m/p-Xylenes	10.305	106	133726	100.548	ug/l	81
69) o-Xylene	10.640	106	65676	49.479	ug/l	80
70) Styrene	10.659	104	108904	51.163	ug/l #	90
71) Bromoform	10.799	173	31762	61.645	ug/l #	99
73) Isopropylbenzene	10.964	105	180085	49.349	ug/l	95
74) N-amyl acetate	10.842	43	57057	49.111	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.214	83	53451	46.922	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	54695m	47.689	ug/l	
77) Bromobenzene	11.201	156	39188	49.410	ug/l	94
78) n-propylbenzene	11.305	91	208661	50.163	ug/l	96
79) 2-Chlorotoluene	11.366	91	129685	50.322	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	157924	51.477	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.018	75	16329	45.914	ug/l #	81
82) 4-Chlorotoluene	11.457	91	152768	51.237	ug/l	92
83) tert-Butylbenzene	11.713	119	153360	50.709	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	157546	52.824	ug/l	92
85) sec-Butylbenzene	11.890	105	188861	50.422	ug/l	98
86) p-Isopropyltoluene	12.012	119	158387	52.343	ug/l	90
87) 1,3-Dichlorobenzene	11.969	146	72851	49.423	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	74280	49.001	ug/l	96
89) n-Butylbenzene	12.335	91	134201	51.439	ug/l	97
90) Hexachloroethane	12.543	117	29944	57.594	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	70592	48.834	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18036	57.649	ug/l	74
93) 1,2,4-Trichlorobenzene	13.591	180	43419	51.364	ug/l	95
94) Hexachlorobutadiene	13.725	225	18799	52.371	ug/l	99
95) Naphthalene	13.774	128	175688	53.055	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	45270	52.601	ug/l	97

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

