

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031236.D
 Acq On : 09 Sep 2022 00:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 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 01:32:55 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	38629	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	63473	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	69329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55340	60.510	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 121.020%			
35) Dibromofluoromethane	5.385	113	36640	52.972	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.940%			
50) Toluene-d8	8.653	98	122018	48.554	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.100%			
62) 4-Bromofluorobenzene	11.079	95	51804	56.251	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.500%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	32526	52.395	ug/l	99
3) Chloromethane	1.288	50	20304	42.563	ug/l	96
4) Vinyl Chloride	1.374	62	26259	46.631	ug/l	98
5) Bromomethane	1.605	94	18158	50.468	ug/l	99
6) Chloroethane	1.678	64	17459	55.269	ug/l	99
7) Trichlorofluoromethane	1.886	101	68866	56.123	ug/l	94
8) Diethyl Ether	2.136	74	18087	51.896	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.325	101	34044	49.062	ug/l	98
10) Methyl Iodide	2.453	142	41369	48.214	ug/l	# 80
11) Tert butyl alcohol	2.983	59	49352	307.712	ug/l	96
12) 1,1-Dichloroethene	2.319	96	30445	46.680	ug/l	88
13) Acrolein	2.239	56	32284	254.173	ug/l	99
14) Allyl chloride	2.666	41	39027	44.544	ug/l	# 64
15) Acrylonitrile	3.068	53	82937	238.159	ug/l	96
16) Acetone	2.386	43	82185	259.532	ug/l	91
17) Carbon Disulfide	2.507	76	78404	48.897	ug/l	99
18) Methyl Acetate	2.709	43	38929	47.487	ug/l	# 87
19) Methyl tert-butyl Ether	3.117	73	126855	54.762	ug/l	92
20) Methylene Chloride	2.788	84	34474	46.319	ug/l	# 85
21) trans-1,2-Dichloroethene	3.093	96	33678	46.604	ug/l	98
22) Diisopropyl ether	3.769	45	82402	44.789	ug/l	# 81
23) Vinyl Acetate	3.727	43	376950	244.099	ug/l	# 90
24) 1,1-Dichloroethane	3.611	63	60710	49.750	ug/l	98
25) 2-Butanone	4.562	43	113612	242.215	ug/l	# 89
26) 2,2-Dichloropropane	4.483	77	51846	47.478	ug/l	88
27) cis-1,2-Dichloroethene	4.495	96	40211	48.466	ug/l	96
28) Bromochloromethane	4.897	49	22226	50.229	ug/l	# 75
29) Tetrahydrofuran	5.013	42	63868	230.629	ug/l	# 72
30) Chloroform	5.092	83	77698	53.827	ug/l	100
31) Cyclohexane	5.476	56	45102	44.131	ug/l	# 75
32) 1,1,1-Trichloroethane	5.385	97	77422	59.509	ug/l	97
36) 1,1-Dichloropropene	5.696	75	50551	48.802	ug/l	93
37) Ethyl Acetate	4.721	43	43257	47.073	ug/l	98
38) Carbon Tetrachloride	5.678	117	68064	62.452	ug/l	98
39) Methylcyclohexane	7.385	83	56257	47.552	ug/l	90
40) Benzene	6.037	78	133273	47.362	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	23159	48.198	ug/l #	84
42) 1,2-Dichloroethane	6.086	62	69702	60.500	ug/l	91
43) Isopropyl Acetate	6.342	43	73256	50.562	ug/l #	96
44) Trichloroethene	7.129	130	39264	49.640	ug/l	98
45) 1,2-Dichloropropane	7.433	63	31284	45.238	ug/l	98
46) Dibromomethane	7.580	93	28593	52.142	ug/l	93
47) Bromodichloromethane	7.824	83	61280	57.448	ug/l	99
48) Methyl methacrylate	7.696	41	36102	51.171	ug/l #	83
49) 1,4-Dioxane	7.677	88	19445	998.381	ug/l	92
51) 4-Methyl-2-Pentanone	8.573	43	217984	245.702	ug/l	92
52) Toluene	8.720	92	88927	47.914	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	62988	56.683	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	60553	50.757	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	38055	49.872	ug/l	98
56) Ethyl methacrylate	9.116	69	57103	50.794	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	63452	48.125	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	125316	236.519	ug/l #	89
59) 2-Hexanone	9.433	43	168277	250.817	ug/l	95
60) Dibromochloromethane	9.525	129	46422	59.009	ug/l	98
61) 1,2-Dibromoethane	9.610	107	44024	51.917	ug/l	97
64) Tetrachloroethene	9.275	164	34777	48.186	ug/l	98
65) Chlorobenzene	10.079	112	99567	48.778	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	42047	52.737	ug/l	93
67) Ethyl Benzene	10.195	91	189248	51.161	ug/l	96
68) m/p-Xylenes	10.305	106	138582	101.064	ug/l	86
69) o-Xylene	10.646	106	67971	49.667	ug/l	82
70) Styrene	10.658	104	115645	52.695	ug/l #	91
71) Bromoform	10.805	173	32345	60.888	ug/l #	99
73) Isopropylbenzene	10.963	105	191803	50.168	ug/l	96
74) N-amyl acetate	10.847	43	59608	48.972	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	55637	46.618	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	54707m	45.529	ug/l	
77) Bromobenzene	11.201	156	41161	49.536	ug/l	93
78) n-propylbenzene	11.305	91	214622	49.248	ug/l	98
79) 2-Chlorotoluene	11.366	91	134247	49.722	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	164092	51.053	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	17741	47.614	ug/l #	87
82) 4-Chlorotoluene	11.457	91	159091	50.929	ug/l	91
83) tert-Butylbenzene	11.719	119	161012	50.816	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	164930	52.783	ug/l	94
85) sec-Butylbenzene	11.890	105	195373	49.787	ug/l	98
86) p-Isopropyltoluene	12.012	119	166441	52.501	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	77502	50.185	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	77361	48.711	ug/l	96
89) n-Butylbenzene	12.335	91	141074	51.612	ug/l	98
90) Hexachloroethane	12.542	117	29940	54.965	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	76928	50.795	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17573	53.613	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	47919	54.107	ug/l	95
94) Hexachlorobutadiene	13.725	225	20159	53.604	ug/l	98
95) Naphthalene	13.780	128	185175	53.375	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	49485	54.881	ug/l	97

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

