

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030222\
 Data File : VX027271.D
 Acq On : 02 Mar 2022 18:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 03 00:07:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/03/2022
 Supervised By : Mahesh Dadoda 03/03/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	70996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	112640	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	40104	47.034	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.060%		
35) Dibromofluoromethane	5.391	113	33755	48.278	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.560%		
50) Toluene-d8	8.653	98	123738	47.331	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.660%		
62) 4-Bromofluorobenzene	11.085	95	48260	48.092	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	29851	42.299	ug/l	97
3) Chloromethane	1.295	50	25683	38.932	ug/l	98
4) Vinyl Chloride	1.374	62	25751	39.189	ug/l	97
5) Bromomethane	1.599	94	11452	39.711	ug/l	99
6) Chloroethane	1.685	64	16700	41.388	ug/l	96
7) Trichlorofluoromethane	1.886	101	47318	46.300	ug/l	99
8) Diethyl Ether	2.136	74	15314	43.051	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	32874	46.174	ug/l	95
10) Methyl Iodide	2.453	142	35017	36.629	ug/l	95
11) Tert butyl alcohol	2.971	59	37032	223.218	ug/l	97
12) 1,1-Dichloroethene	2.319	96	31537	45.628	ug/l	90
13) Acrolein	2.239	56	37067	241.728	ug/l	98
14) Allyl chloride	2.666	41	54296	44.617	ug/l	96
15) Acrylonitrile	3.069	53	101815	239.168	ug/l	99
16) Acetone	2.386	43	83347	222.632	ug/l	95
17) Carbon Disulfide	2.514	76	75726	42.135	ug/l	99
18) Methyl Acetate	2.709	43	44145	45.685	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	114075	48.100	ug/l	98
20) Methylene Chloride	2.794	84	36647	47.229	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	34116	46.285	ug/l	97
22) Diisopropyl ether	3.770	45	110687	46.657	ug/l	95
23) Vinyl Acetate	3.727	43	485044	242.118	ug/l	96
24) 1,1-Dichloroethane	3.611	63	62881	46.887	ug/l	99
25) 2-Butanone	4.562	43	137897	231.293	ug/l	94
26) 2,2-Dichloropropane	4.483	77	47971	49.307	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	41169	48.161	ug/l	94
28) Bromochloromethane	4.904	49	26526	48.891	ug/l	88
29) Tetrahydrofuran	5.013	42	90574	226.986	ug/l	94
30) Chloroform	5.099	83	66183	47.513	ug/l	97
31) Cyclohexane	5.477	56	55864	43.746	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	58834	48.791	ug/l	98
36) 1,1-Dichloropropene	5.702	75	48056	47.095	ug/l	98
37) Ethyl Acetate	4.721	43	52345	46.722	ug/l	97
38) Carbon Tetrachloride	5.684	117	52587	49.413	ug/l	96
39) Methylcyclohexane	7.391	83	60847	47.937	ug/l #	86
40) Benzene	6.044	78	142565	47.776	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	29375	47.797	ug/l	94
42) 1,2-Dichloroethane	6.092	62	52079	49.196	ug/l	97
43) Isopropyl Acetate	6.348	43	84773	49.188	ug/l	97
44) Trichloroethene	7.129	130	42622	47.748	ug/l	92
45) 1,2-Dichloropropane	7.434	63	37217	51.045	ug/l	97
46) Dibromomethane	7.580	93	26129	49.895	ug/l	92
47) Bromodichloromethane	7.824	83	50837	49.737	ug/l	98
48) Methyl methacrylate	7.696	41	42317	50.725	ug/l	94
49) 1,4-Dioxane	7.659	88	18425	976.959	ug/l	90
51) 4-Methyl-2-Pentanone	8.574	43	279180	249.226	ug/l	93
52) Toluene	8.720	92	93411	48.887	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	56354	48.799	ug/l	92
54) cis-1,3-Dichloropropene	8.366	75	59597	52.234	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	38721	51.164	ug/l	99
56) Ethyl methacrylate	9.116	69	60500	51.347	ug/l	92
57) 1,3-Dichloropropane	9.311	76	65111	51.726	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	146968	258.772	ug/l	95
59) 2-Hexanone	9.433	43	220946	258.066	ug/l	99
60) Dibromochloromethane	9.525	129	43914	55.935	ug/l	100
61) 1,2-Dibromoethane	9.610	107	41210	51.131	ug/l	99
64) Tetrachloroethene	9.275	164	43264	46.146	ug/l	95
65) Chlorobenzene	10.080	112	102210	48.386	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	39635	51.741	ug/l	99
67) Ethyl Benzene	10.195	91	178740	48.201	ug/l	99
68) m/p-Xylenes	10.305	106	139896	98.132	ug/l	97
69) o-Xylene	10.647	106	69082	48.282	ug/l	96
70) Styrene	10.659	104	117295	50.100	ug/l	98
71) Bromoform	10.799	173	30597	46.538	ug/l #	100
73) Isopropylbenzene	10.964	105	182324	48.809	ug/l	97
74) N-amyl acetate	10.848	43	74279	52.262	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	55544	50.343	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	53484m	50.865	ug/l	
77) Bromobenzene	11.201	156	46096	49.474	ug/l	91
78) n-propylbenzene	11.305	91	210266	49.525	ug/l	99
79) 2-Chlorotoluene	11.366	91	124434	47.828	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	157134	50.026	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	15774	44.488	ug/l	90
82) 4-Chlorotoluene	11.457	91	151536	50.986	ug/l	99
83) tert-Butylbenzene	11.713	119	151210	49.509	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	153839	49.239	ug/l	97
85) sec-Butylbenzene	11.890	105	190947	49.860	ug/l	99
86) p-Isopropyltoluene	12.012	119	160515	49.166	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	86611	49.401	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	88078	49.134	ug/l	97
89) n-Butylbenzene	12.335	91	141617	51.898	ug/l	98
90) Hexachloroethane	12.543	117	26497	52.395	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	87460	51.126	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13412	52.360	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	55717	51.614	ug/l	99
94) Hexachlorobutadiene	13.725	225	23129	51.608	ug/l	98
95) Naphthalene	13.780	128	190750	52.001	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	58498	54.063	ug/l	97

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

