

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040622\
 Data File : VX027986.D
 Acq On : 06 Apr 2022 10:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/07/2022
 Supervised By : Mahesh Dadoda 04/07/2022

Quant Time: Apr 07 08:01:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 05 15:58:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	79371	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	127293	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55871	56.420	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.840%			
35) Dibromofluoromethane	5.385	113	42432	49.258	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.520%			
50) Toluene-d8	8.647	98	153460	48.759	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.520%			
62) 4-Bromofluorobenzene	11.079	95	64493	52.108	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	47857	54.109	ug/l	99
3) Chloromethane	1.294	50	40163	52.817	ug/l	99
4) Vinyl Chloride	1.374	62	41937	51.484	ug/l	98
5) Bromomethane	1.599	94	20217	62.599	ug/l	99
6) Chloroethane	1.678	64	25572	56.582	ug/l	96
7) Trichlorofluoromethane	1.886	101	69053	53.418	ug/l	97
8) Diethyl Ether	2.130	74	22938	52.639	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	40236	51.243	ug/l	96
10) Methyl Iodide	2.453	142	46864	45.240	ug/l	95
11) Tert butyl alcohol	2.959	59	46754	258.074	ug/l	99
12) 1,1-Dichloroethene	2.318	96	38027	50.815	ug/l	93
13) Acrolein	2.233	56	45177	275.390	ug/l	99
14) Allyl chloride	2.660	41	62525	55.088	ug/l	94
15) Acrylonitrile	3.062	53	117070	270.281	ug/l	99
16) Acetone	2.373	43	106776	288.179	ug/l	94
17) Carbon Disulfide	2.507	76	102395	51.027	ug/l	99
18) Methyl Acetate	2.703	43	50299	52.470	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	132767	54.127	ug/l	99
20) Methylene Chloride	2.788	84	42627	51.319	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	42001	50.829	ug/l	97
22) Diisopropyl ether	3.757	45	134001	59.169	ug/l #	84
23) Vinyl Acetate	3.721	43	594503	302.271	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	77016	55.966	ug/l	98
25) 2-Butanone	4.550	43	180055	297.480	ug/l	91
26) 2,2-Dichloropropane	4.471	77	64351	60.216	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	48007	50.245	ug/l	95
28) Bromochloromethane	4.891	49	33485	61.315	ug/l	90
29) Tetrahydrofuran	5.001	42	110796	283.676	ug/l	87
30) Chloroform	5.098	83	83651	55.094	ug/l	97
31) Cyclohexane	5.464	56	71019	55.387	ug/l	86
32) 1,1,1-Trichloroethane	5.379	97	76147	55.794	ug/l	99
36) 1,1-Dichloropropene	5.690	75	61099	53.947	ug/l	98
37) Ethyl Acetate	4.708	43	67989	58.844	ug/l	95
38) Carbon Tetrachloride	5.678	117	68352	54.304	ug/l	98
39) Methylcyclohexane	7.379	83	74372	52.468	ug/l	92
40) Benzene	6.037	78	169310	51.988	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	35845	58.727	ug/l	90
42) 1,2-Dichloroethane	6.086	62	68865	58.209	ug/l	93
43) Isopropyl Acetate	6.336	43	105296	58.679	ug/l #	92
44) Trichloroethene	7.122	130	46111	47.446	ug/l	90
45) 1,2-Dichloropropane	7.427	63	43598	55.579	ug/l	95
46) Dibromomethane	7.580	93	32816	51.275	ug/l	92
47) Bromodichloromethane	7.824	83	64589	54.798	ug/l	99
48) Methyl methacrylate	7.689	41	52855	61.398	ug/l #	82
49) 1,4-Dioxane	7.659	88	21124	914.977	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	343027	291.782	ug/l	90
52) Toluene	8.720	92	108501	50.080	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	67902	56.995	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	71007	54.396	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	44117	49.621	ug/l	95
56) Ethyl methacrylate	9.116	69	70366	54.129	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	73213	51.860	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	177769	280.089	ug/l	98
59) 2-Hexanone	9.433	43	270951	298.131	ug/l	87
60) Dibromochloromethane	9.525	129	49591	51.637	ug/l	95
61) 1,2-Dibromoethane	9.610	107	47530	50.555	ug/l	99
64) Tetrachloroethene	9.275	164	44127	48.132	ug/l	97
65) Chlorobenzene	10.079	112	118215	48.495	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	44533	49.695	ug/l	98
67) Ethyl Benzene	10.195	91	219776	52.200	ug/l	98
68) m/p-Xylenes	10.305	106	168866	102.054	ug/l	94
69) o-Xylene	10.640	106	80483	50.263	ug/l	94
70) Styrene	10.658	104	137186	51.337	ug/l	94
71) Bromoform	10.799	173	37718	51.755	ug/l #	99
73) Isopropylbenzene	10.963	105	218587	49.684	ug/l	99
74) N-amyl acetate	10.841	43	82155	53.572	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	68553	47.349	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	67111m	51.865	ug/l	
77) Bromobenzene	11.201	156	51746	44.882	ug/l	94
78) n-propylbenzene	11.305	91	250089	49.838	ug/l	98
79) 2-Chlorotoluene	11.366	91	153258	48.589	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	192863	51.005	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20727	50.500	ug/l	88
82) 4-Chlorotoluene	11.457	91	181785	50.451	ug/l	99
83) tert-Butylbenzene	11.719	119	186103	48.904	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	194317	50.752	ug/l	97
85) sec-Butylbenzene	11.890	105	237510	51.039	ug/l	100
86) p-Isopropyltoluene	12.012	119	203580	51.478	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	105696	49.107	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	104759	48.262	ug/l	97
89) n-Butylbenzene	12.335	91	177494	53.022	ug/l	97
90) Hexachloroethane	12.542	117	32878	52.200	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	100080	47.780	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17067	50.314	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	65214	48.060	ug/l	99
94) Hexachlorobutadiene	13.725	225	29506	45.498	ug/l	94
95) Naphthalene	13.780	128	210716	47.715	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	61753	46.576	ug/l	95

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

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