

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028867.D
 Acq On : 20 May 2022 21:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 20 23:35:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/23/2022
 Supervised By :Semsettin Yesilyurt 05/23/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	259110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	435061	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	396577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	206369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	189570	53.373	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.740%			
35) Dibromofluoromethane	5.391	113	148792	52.199	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.400%			
50) Toluene-d8	8.653	98	536704	49.941	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.880%			
62) 4-Bromofluorobenzene	11.079	95	214746	53.499	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	158277	46.651	ug/l	98
3) Chloromethane	1.288	50	133562	41.801	ug/l	99
4) Vinyl Chloride	1.374	62	149877	43.527	ug/l	98
5) Bromomethane	1.599	94	105664	42.573	ug/l	99
6) Chloroethane	1.679	64	97559	44.747	ug/l	98
7) Trichlorofluoromethane	1.886	101	245110	44.648	ug/l	98
8) Diethyl Ether	2.136	74	87950	43.967	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	131033	45.357	ug/l	98
10) Methyl Iodide	2.453	142	149214	43.142	ug/l	92
11) Tert butyl alcohol	2.989	59	191345	253.978	ug/l	99
12) 1,1-Dichloroethene	2.319	96	123051	45.886	ug/l	97
13) Acrolein	2.233	56	113203	194.178	ug/l	98
14) Allyl chloride	2.666	41	201558	46.863	ug/l	92
15) Acrylonitrile	3.062	53	400431	233.996	ug/l	98
16) Acetone	2.380	43	359544	235.868	ug/l	89
17) Carbon Disulfide	2.514	76	282379	40.621	ug/l	99
18) Methyl Acetate	2.703	43	187997	49.241	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	479776	50.416	ug/l	98
20) Methylene Chloride	2.788	84	143489	44.868	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	137384	45.482	ug/l	98
22) Diisopropyl ether	3.764	45	439525	47.820	ug/l	92
23) Vinyl Acetate	3.721	43	1926985	243.196	ug/l	96
24) 1,1-Dichloroethane	3.611	63	258110	48.304	ug/l	99
25) 2-Butanone	4.556	43	570092	238.260	ug/l	97
26) 2,2-Dichloropropane	4.477	77	185384	44.249	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	165106	46.800	ug/l	100
28) Bromochloromethane	4.898	49	104683	46.544	ug/l	97
29) Tetrahydrofuran	5.007	42	362122	232.830	ug/l	94
30) Chloroform	5.099	83	284367	49.173	ug/l	98
31) Cyclohexane	5.471	56	215697	43.751	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	254211	50.354	ug/l	99
36) 1,1-Dichloropropene	5.696	75	199072	46.498	ug/l	99
37) Ethyl Acetate	4.715	43	219118	49.000	ug/l	98
38) Carbon Tetrachloride	5.684	117	220272	51.124	ug/l	97
39) Methylcyclohexane	7.385	83	224977	45.821	ug/l	94
40) Benzene	6.044	78	579390	47.088	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	120236	50.147	ug/l	93
42) 1,2-Dichloroethane	6.092	62	231028	50.903	ug/l	96
43) Isopropyl Acetate	6.342	43	345084	49.327	ug/l	96
44) Trichloroethene	7.129	130	159354	47.753	ug/l	91
45) 1,2-Dichloropropane	7.434	63	147890	48.174	ug/l	99
46) Dibromomethane	7.586	93	110835	48.344	ug/l	95
47) Bromodichloromethane	7.824	83	218605	51.359	ug/l	99
48) Methyl methacrylate	7.696	41	173094	51.219	ug/l	87
49) 1,4-Dioxane	7.671	88	82618	978.577	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	1119799	243.006	ug/l	95
52) Toluene	8.720	92	377340	47.673	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	221265	45.319	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	236519	49.384	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	158593	49.137	ug/l	99
56) Ethyl methacrylate	9.116	69	250084	51.167	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	265749	48.817	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	594332	248.371	ug/l	98
59) 2-Hexanone	9.433	43	885640	247.374	ug/l	93
60) Dibromochloromethane	9.525	129	166340	52.844	ug/l	96
61) 1,2-Dibromoethane	9.610	107	167856	49.516	ug/l	99
64) Tetrachloroethene	9.275	164	144426	48.226	ug/l	97
65) Chlorobenzene	10.080	112	408508	48.556	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	156804	52.614	ug/l	98
67) Ethyl Benzene	10.195	91	740557	49.110	ug/l	100
68) m/p-Xylenes	10.305	106	566040	96.414	ug/l	96
69) o-Xylene	10.640	106	283472	49.042	ug/l	97
70) Styrene	10.659	104	472386	50.325	ug/l	97
71) Bromoform	10.799	173	118144	47.917	ug/l #	99
73) Isopropylbenzene	10.964	105	749838	47.913	ug/l	98
74) N-amyl acetate	10.842	43	297344	48.334	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	259096	48.258	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	239150m	49.483	ug/l	
77) Bromobenzene	11.201	156	178660	48.248	ug/l	96
78) n-propylbenzene	11.305	91	854071	47.179	ug/l	100
79) 2-Chlorotoluene	11.366	91	527434	47.537	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	641841	49.220	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	67799	42.481	ug/l #	83
82) 4-Chlorotoluene	11.457	91	619359	48.286	ug/l	98
83) tert-Butylbenzene	11.713	119	630601	49.946	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	642028	49.097	ug/l	98
85) sec-Butylbenzene	11.890	105	763694	49.036	ug/l	99
86) p-Isopropyltoluene	12.012	119	651346	49.841	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	342908	47.212	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	348654	46.280	ug/l	98
89) n-Butylbenzene	12.335	91	542368	47.899	ug/l	99
90) Hexachloroethane	12.542	117	104607	49.498	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	348749	48.878	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	61930	54.021	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	212401	51.542	ug/l	99
94) Hexachlorobutadiene	13.725	225	86879	51.894	ug/l	94
95) Naphthalene	13.774	128	773937	52.776	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	212466	51.333	ug/l	95

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

