

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026805.D
 Acq On : 08 Feb 2022 01:29
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/08/2022
 Supervised By : Mahesh Dadoda 02/09/2022

Quant Time: Feb 08 05:15:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 05:11:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	104152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	170919	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57761	41.729	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	83.460%		
35) Dibromofluoromethane	5.391	113	46468	43.943	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.880%		
50) Toluene-d8	8.653	98	171574	44.684	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.360%#		
62) 4-Bromofluorobenzene	11.079	95	60131	44.280	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	55781	46.172	ug/l	100
3) Chloromethane	1.294	50	50603	45.525	ug/l	99
4) Vinyl Chloride	1.380	62	54021	46.530	ug/l	100
5) Bromomethane	1.611	94	21308	40.724	ug/l	99
6) Chloroethane	1.691	64	31515	52.210	ug/l	99
7) Trichlorofluoromethane	1.892	101	80152	44.262	ug/l	98
8) Diethyl Ether	2.136	74	28727	44.743	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	51966	46.589	ug/l	97
10) Methyl Iodide	2.459	142	69490	60.181	ug/l	96
11) Tert butyl alcohol	3.001	59	53518	264.662	ug/l #	75
12) 1,1-Dichloroethene	2.325	96	51974	48.431	ug/l	90
13) Acrolein	2.239	56	50678	236.300	ug/l	99
14) Allyl chloride	2.666	41	92271	47.173	ug/l	96
15) Acrylonitrile	3.068	53	157900	253.737	ug/l	99
16) Acetone	2.386	43	127747	182.815	ug/l	94
17) Carbon Disulfide	2.514	76	145130	46.386	ug/l	98
18) Methyl Acetate	2.709	43	73691	50.001	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	181633	46.883	ug/l	99
20) Methylene Chloride	2.794	84	55526	45.872	ug/l	97
21) trans-1,2-Dichloroethene	3.099	96	55246	47.671	ug/l	97
22) Diisopropyl ether	3.763	45	184611	46.419	ug/l	98
23) Vinyl Acetate	3.727	43	799676	243.736	ug/l	98
24) 1,1-Dichloroethane	3.617	63	100012	46.557	ug/l	100
25) 2-Butanone	4.562	43	215954	229.794	ug/l	99
26) 2,2-Dichloropropane	4.483	77	69815	44.570	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	63542	48.120	ug/l	96
28) Bromochloromethane	4.903	49	41383	46.971	ug/l	93
29) Tetrahydrofuran	5.007	42	145306	254.010	ug/l	98
30) Chloroform	5.099	83	101770	45.716	ug/l	100
31) Cyclohexane	5.477	56	96518	46.046	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	92517	47.287	ug/l	99
36) 1,1-Dichloropropene	5.696	75	77337	45.492	ug/l	98
37) Ethyl Acetate	4.714	43	87573	50.104	ug/l	98
38) Carbon Tetrachloride	5.684	117	81312	46.637	ug/l	97
39) Methylcyclohexane	7.385	83	96621	46.941	ug/l	96
40) Benzene	6.043	78	225604	47.597	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	48537	49.231	ug/l	96
42) 1,2-Dichloroethane	6.092	62	80718	44.181	ug/l	98
43) Isopropyl Acetate	6.342	43	139956	49.843	ug/l	97
44) Trichloroethene	7.129	130	68354	50.421	ug/l	95
45) 1,2-Dichloropropane	7.433	63	57221	48.401	ug/l	96
46) Dibromomethane	7.586	93	39696	47.713	ug/l	96
47) Bromodichloromethane	7.824	83	78054	46.836	ug/l	100
48) Methyl methacrylate	7.696	41	67994	48.872	ug/l	97
49) 1,4-Dioxane	7.677	88	23378	1019.183	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	410437	246.249	ug/l	98
52) Toluene	8.720	92	140782	48.366	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	79096	50.426	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	89379	49.707	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	54820	48.277	ug/l	99
56) Ethyl methacrylate	9.116	69	88273	50.731	ug/l	95
57) 1,3-Dichloropropane	9.311	76	94416	48.007	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	239095	259.278	ug/l	97
59) 2-Hexanone	9.433	43	302622	239.557	ug/l	97
60) Dibromochloromethane	9.525	129	58655	49.792	ug/l	99
61) 1,2-Dibromoethane	9.610	107	58315	49.210	ug/l	100
64) Tetrachloroethene	9.275	164	73403	53.351	ug/l	97
65) Chlorobenzene	10.079	112	144470	48.051	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	54220	48.682	ug/l	99
67) Ethyl Benzene	10.195	91	261046	48.068	ug/l	99
68) m/p-Xylenes	10.305	106	198456	97.405	ug/l	98
69) o-Xylene	10.640	106	97013	49.235	ug/l	97
70) Styrene	10.659	104	160019	49.912	ug/l	98
71) Bromoform	10.799	173	38678	50.884	ug/l #	99
73) Isopropylbenzene	10.963	105	254914	48.178	ug/l	99
74) N-amyl acetate	10.848	43	103073	50.638	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	65125	46.184	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	69389m	48.881	ug/l	
77) Bromobenzene	11.201	156	59313	48.817	ug/l	95
78) n-propylbenzene	11.305	91	284414	47.389	ug/l	99
79) 2-Chlorotoluene	11.366	91	168554	46.285	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	208297	47.864	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	21306	52.563	ug/l	90
82) 4-Chlorotoluene	11.457	91	193872	46.387	ug/l	98
83) tert-Butylbenzene	11.713	119	195275	48.125	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	206037	47.476	ug/l	98
85) sec-Butylbenzene	11.890	105	251338	47.990	ug/l	99
86) p-Isopropyltoluene	12.012	119	214389	48.685	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	107855	47.403	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	108084	47.094	ug/l	99
89) n-Butylbenzene	12.335	91	176612	47.129	ug/l	99
90) Hexachloroethane	12.542	117	31585	48.650	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	105589	49.094	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17566	51.147	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	67824	49.303	ug/l	97
94) Hexachlorobutadiene	13.725	225	28372	48.702	ug/l	98
95) Naphthalene	13.780	128	244431	52.702	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	68486	50.309	ug/l	99

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

