

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026238.D
 Acq On : 03 Jan 2022 22:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/04/2022
 Supervised By : Mahesh Dadoda 01/04/2022

Quant Time: Jan 04 03:56:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	140732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235838	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108528	53.305	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.620%			
35) Dibromofluoromethane	5.391	113	79237	51.679	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.360%			
50) Toluene-d8	8.653	98	283340	49.681	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.360%			
62) 4-Bromofluorobenzene	11.079	95	107467	52.933	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	77075	52.146	ug/l	97
3) Chloromethane	1.294	50	82673	48.052	ug/l	98
4) Vinyl Chloride	1.380	62	86795	47.935	ug/l	100
5) Bromomethane	1.605	94	52516	46.996	ug/l	98
6) Chloroethane	1.685	64	56308	44.224	ug/l	99
7) Trichlorofluoromethane	1.892	101	149137	47.814	ug/l	98
8) Diethyl Ether	2.136	74	52322	48.830	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	85840	52.204	ug/l	98
10) Methyl Iodide	2.459	142	111594	52.479	ug/l	97
11) Tert butyl alcohol	2.959	59	86752	213.333	ug/l	99
12) 1,1-Dichloroethene	2.325	96	80500	51.656	ug/l	92
13) Acrolein	2.239	56	45027	309.653	ug/l	98
14) Allyl chloride	2.666	41	153374	49.802	ug/l	95
15) Acrylonitrile	3.062	53	255452	253.722	ug/l	98
16) Acetone	2.380	43	253650	229.938	ug/l	95
17) Carbon Disulfide	2.514	76	208748	46.674	ug/l	99
18) Methyl Acetate	2.703	43	181443	50.709	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	293708	53.958	ug/l	98
20) Methylene Chloride	2.794	84	89173	50.567	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	87274	51.336	ug/l	92
22) Diisopropyl ether	3.764	45	314910	53.574	ug/l	95
23) Vinyl Acetate	3.727	43	1254987	268.880	ug/l	97
24) 1,1-Dichloroethane	3.611	63	169625	53.250	ug/l	99
25) 2-Butanone	4.556	43	382108	248.664	ug/l	95
26) 2,2-Dichloropropane	4.477	77	127790	53.244	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	101272	52.361	ug/l	90
28) Bromochloromethane	4.904	49	68291	48.369	ug/l	88
29) Tetrahydrofuran	5.007	42	247898	255.949	ug/l	95
30) Chloroform	5.099	83	178063	52.849	ug/l	99
31) Cyclohexane	5.477	56	153101	52.804	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	159309	54.389	ug/l	97
36) 1,1-Dichloropropene	5.696	75	131401	53.135	ug/l	97
37) Ethyl Acetate	4.715	43	149978	52.304	ug/l	98
38) Carbon Tetrachloride	5.684	117	141859	51.569	ug/l	97
39) Methylcyclohexane	7.385	83	147374	52.830	ug/l	93
40) Benzene	6.044	78	363814	51.547	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	82888	51.190	ug/l	94
42) 1,2-Dichloroethane	6.092	62	154425	54.063	ug/l	96
43) Isopropyl Acetate	6.342	43	237481	50.817	ug/l	97
44) Trichloroethene	7.129	130	101313	53.346	ug/l	91
45) 1,2-Dichloropropane	7.434	63	94298	52.235	ug/l	97
46) Dibromomethane	7.580	93	69406	51.832	ug/l	97
47) Bromodichloromethane	7.824	83	138702	50.913	ug/l	95
48) Methyl methacrylate	7.696	41	118531	52.886	ug/l	93
49) 1,4-Dioxane	7.659	88	35252	853.496	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	743637	255.703	ug/l	98
52) Toluene	8.720	92	226739	52.183	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	139582	48.244	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	151424	52.588	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	92068	51.556	ug/l	99
56) Ethyl methacrylate	9.116	69	146314	53.124	ug/l	90
57) 1,3-Dichloropropane	9.311	76	160960	52.620	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	346861	236.152	ug/l	96
59) 2-Hexanone	9.433	43	560173	254.287	ug/l	96
60) Dibromochloromethane	9.525	129	100488	49.673	ug/l	100
61) 1,2-Dibromoethane	9.610	107	97344	50.946	ug/l	100
64) Tetrachloroethene	9.275	164	99406	56.243	ug/l	96
65) Chlorobenzene	10.079	112	235363	51.156	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	90635	51.697	ug/l	99
67) Ethyl Benzene	10.195	91	440690	53.568	ug/l	97
68) m/p-Xylenes	10.305	106	327129	106.498	ug/l	92
69) o-Xylene	10.640	106	160662	53.457	ug/l	93
70) Styrene	10.659	104	270419	54.885	ug/l	97
71) Bromoform	10.799	173	68449	48.127	ug/l #	98
73) Isopropylbenzene	10.963	105	432154	53.891	ug/l	98
74) N-amyl acetate	10.842	43	194677	52.870	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	129059	47.322	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	130565m	52.432	ug/l	
77) Bromobenzene	11.201	156	98343	51.713	ug/l	92
78) n-propylbenzene	11.305	91	501239	54.364	ug/l	97
79) 2-Chlorotoluene	11.366	91	302209	53.248	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	363603	54.638	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	40610	47.180	ug/l	88
82) 4-Chlorotoluene	11.457	91	351349	54.815	ug/l	95
83) tert-Butylbenzene	11.713	119	337467	52.246	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	362158	54.465	ug/l	97
85) sec-Butylbenzene	11.890	105	434808	53.942	ug/l	98
86) p-Isopropyltoluene	12.012	119	370136	55.082	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	187981	52.657	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	192528	50.301	ug/l	99
89) n-Butylbenzene	12.335	91	321353	53.812	ug/l	98
90) Hexachloroethane	12.542	117	59731	44.504	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	182109	49.175	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32741	46.896	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	113017	51.644	ug/l	99
94) Hexachlorobutadiene	13.725	225	44444	48.913	ug/l	99
95) Naphthalene	13.774	128	405836	50.899	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	111700	50.168	ug/l	99

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

