

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026339.D
 Acq On : 05 Jan 2022 21:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/06/2022
 Supervised By : Mahesh Dadoda 01/07/2022

Quant Time: Jan 06 03:13:12 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	5.556	168	114450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	191066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	166664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	77161	46.602	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.200%		
35) Dibromofluoromethane	5.397	113	58317	46.947	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.900%		
50) Toluene-d8	8.653	98	208663	45.161	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.320%#		
62) 4-Bromofluorobenzene	11.079	95	80362	48.858	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	55569	46.230	ug/l	97
3) Chloromethane	1.295	50	51225	36.611	ug/l	100
4) Vinyl Chloride	1.380	62	58903	40.001	ug/l	99
5) Bromomethane	1.618	94	23958	26.363	ug/l	99
6) Chloroethane	1.691	64	34054	32.888	ug/l	99
7) Trichlorofluoromethane	1.892	101	97093	38.277	ug/l	97
8) Diethyl Ether	2.136	74	35355	40.573	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	59941	44.824	ug/l	98
10) Methyl Iodide	2.459	142	53807	31.115	ug/l	99
11) Tert butyl alcohol	3.014	59	77008	232.858	ug/l #	73
12) 1,1-Dichloroethene	2.325	96	57505	45.374	ug/l	94
13) Acrolein	2.239	56	25242	213.453	ug/l	99
14) Allyl chloride	2.672	41	110308	44.043	ug/l	97
15) Acrylonitrile	3.069	53	180366	220.283	ug/l	99
16) Acetone	2.386	43	167108	186.273	ug/l	96
17) Carbon Disulfide	2.514	76	158597	43.604	ug/l	99
18) Methyl Acetate	2.709	43	129991	44.672	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	219387	49.560	ug/l	99
20) Methylene Chloride	2.794	84	63224	43.962	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	62837	45.450	ug/l	94
22) Diisopropyl ether	3.764	45	219549	45.928	ug/l	96
23) Vinyl Acetate	3.727	43	880201	231.888	ug/l	98
24) 1,1-Dichloroethane	3.617	63	120535	46.528	ug/l	98
25) 2-Butanone	4.562	43	267192	213.809	ug/l	98
26) 2,2-Dichloropropane	4.483	77	91541	46.899	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	73718	46.867	ug/l	94
28) Bromochloromethane	4.904	49	50062	43.600	ug/l	94
29) Tetrahydrofuran	5.013	42	171124	217.254	ug/l	97
30) Chloroform	5.099	83	125637	45.852	ug/l	99
31) Cyclohexane	5.477	56	107451	45.570	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	113098	47.479	ug/l	99
36) 1,1-Dichloropropene	5.696	75	90950	45.396	ug/l	98
37) Ethyl Acetate	4.721	43	104827	45.124	ug/l	100
38) Carbon Tetrachloride	5.684	117	97423	43.714	ug/l	99
39) Methylcyclohexane	7.385	83	105582	46.718	ug/l	95
40) Benzene	6.044	78	257025	44.950	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	59243	45.160	ug/l	94
42) 1,2-Dichloroethane	6.092	62	103284	44.632	ug/l	98
43) Isopropyl Acetate	6.342	43	175163	46.265	ug/l	98
44) Trichloroethene	7.129	130	75985	49.385	ug/l	92
45) 1,2-Dichloropropane	7.434	63	66410	45.407	ug/l	97
46) Dibromomethane	7.580	93	46951	43.279	ug/l	98
47) Bromodichloromethane	7.824	83	93952	42.568	ug/l	98
48) Methyl methacrylate	7.696	41	83879	46.194	ug/l	93
49) 1,4-Dioxane	7.684	88	28610	855.000	ug/l	89
51) 4-Methyl-2-Pentanone	8.574	43	511565	217.123	ug/l	99
52) Toluene	8.720	92	161278	45.815	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	95263	40.939	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	104306	44.713	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	64075	44.288	ug/l	98
56) Ethyl methacrylate	9.116	69	108606	48.673	ug/l	96
57) 1,3-Dichloropropane	9.311	76	112119	45.242	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	273198	229.858	ug/l	98
59) 2-Hexanone	9.433	43	387129	216.914	ug/l	99
60) Dibromochloromethane	9.525	129	69349	42.314	ug/l	100
61) 1,2-Dibromoethane	9.610	107	68634	44.338	ug/l	100
64) Tetrachloroethene	9.275	164	78811	56.035	ug/l	98
65) Chlorobenzene	10.080	112	166885	45.582	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	64535	46.258	ug/l	99
67) Ethyl Benzene	10.195	91	309268	47.242	ug/l	98
68) m/p-Xylenes	10.305	106	231230	94.599	ug/l	93
69) o-Xylene	10.640	106	114151	47.730	ug/l	95
70) Styrene	10.659	104	188724	48.135	ug/l	96
71) Bromoform	10.799	173	45700	40.379	ug/l #	99
73) Isopropylbenzene	10.964	105	301661	49.586	ug/l	98
74) N-amyl acetate	10.842	43	139153	49.814	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	84220	40.706	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	88002m	46.583	ug/l	
77) Bromobenzene	11.201	156	69748	48.345	ug/l	93
78) n-propylbenzene	11.305	91	343534	49.114	ug/l	98
79) 2-Chlorotoluene	11.366	91	209907	48.752	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	250841	49.686	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	22537	34.513	ug/l #	85
82) 4-Chlorotoluene	11.457	91	238869	49.123	ug/l	96
83) tert-Butylbenzene	11.713	119	235129	47.983	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	252477	50.050	ug/l	97
85) sec-Butylbenzene	11.890	105	300731	49.178	ug/l	99
86) p-Isopropyltoluene	12.012	119	253244	49.677	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	131141	48.422	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	129138	44.473	ug/l	99
89) n-Butylbenzene	12.335	91	215380	47.541	ug/l	99
90) Hexachloroethane	12.543	117	36951	36.291	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	125900	44.813	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22872	43.183	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	79680	47.994	ug/l	99
94) Hexachlorobutadiene	13.725	225	32363	46.949	ug/l	96
95) Naphthalene	13.774	128	294421	48.674	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	78704	46.595	ug/l	99

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

