

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022222\
 Data File : VX027133.D
 Acq On : 22 Feb 2022 17:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/23/2022
 Supervised By : Mahesh Dadoda 02/23/2022

Quant Time: Feb 23 02:45:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	92248	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	146225	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45661	41.235	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.460%		
35) Dibromofluoromethane	5.391	113	38445	44.130	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.260%		
50) Toluene-d8	8.653	98	139776	43.709	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.420%#		
62) 4-Bromofluorobenzene	11.079	95	52636	46.752	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	38597	38.479	ug/l	99
3) Chloromethane	1.295	50	35329	37.861	ug/l	100
4) Vinyl Chloride	1.374	62	35522	36.365	ug/l	98
5) Bromomethane	1.605	94	17515	42.256	ug/l	98
6) Chloroethane	1.685	64	21407	38.826	ug/l	100
7) Trichlorofluoromethane	1.886	101	56788	39.505	ug/l	98
8) Diethyl Ether	2.136	74	20625	38.733	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	42161	44.746	ug/l	98
10) Methyl Iodide	2.453	142	54473	42.057	ug/l	95
11) Tert butyl alcohol	2.965	59	41517	207.538	ug/l	97
12) 1,1-Dichloroethene	2.319	96	38311	40.580	ug/l	92
13) Acrolein	2.239	56	36528	197.589	ug/l	100
14) Allyl chloride	2.666	41	69638	41.643	ug/l	95
15) Acrylonitrile	3.062	53	122706	214.051	ug/l	99
16) Acetone	2.380	43	102975	211.729	ug/l	94
17) Carbon Disulfide	2.514	76	88140	32.979	ug/l	100
18) Methyl Acetate	2.703	43	55421	39.605	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	142161	42.542	ug/l	98
20) Methylene Chloride	2.788	84	43241	41.032	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	41261	41.533	ug/l	96
22) Diisopropyl ether	3.764	45	140454	41.717	ug/l	93
23) Vinyl Acetate	3.721	43	605516	213.909	ug/l	97
24) 1,1-Dichloroethane	3.611	63	77102	42.321	ug/l	99
25) 2-Butanone	4.556	43	168744	215.346	ug/l	99
26) 2,2-Dichloropropane	4.477	77	60226	48.927	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	50166	43.981	ug/l	93
28) Bromochloromethane	4.898	49	31060	41.128	ug/l	91
29) Tetrahydrofuran	5.001	42	109928	206.354	ug/l	96
30) Chloroform	5.093	83	79902	42.213	ug/l	100
31) Cyclohexane	5.471	56	69651	39.586	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	71128	42.621	ug/l	98
36) 1,1-Dichloropropene	5.696	75	58529	42.587	ug/l	97
37) Ethyl Acetate	4.715	43	66125	42.337	ug/l	97
38) Carbon Tetrachloride	5.678	117	63155	43.821	ug/l	99
39) Methylcyclohexane	7.385	83	71418	42.374	ug/l	95
40) Benzene	6.038	78	172612	43.094	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	36855	43.537	ug/l	95
42) 1,2-Dichloroethane	6.086	62	62447	44.243	ug/l	97
43) Isopropyl Acetate	6.336	43	106332	44.247	ug/l	97
44) Trichloroethene	7.129	130	51975	43.216	ug/l	94
45) 1,2-Dichloropropane	7.434	63	43881	43.299	ug/l	98
46) Dibromomethane	7.580	93	31084	44.327	ug/l	95
47) Bromodichloromethane	7.824	83	59921	44.621	ug/l	100
48) Methyl methacrylate	7.690	41	51106	42.920	ug/l	95
49) 1,4-Dioxane	7.659	88	17742	864.675	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	327102	224.616	ug/l	97
52) Toluene	8.720	92	108064	42.613	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	62572	43.230	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	70276	47.392	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	44895	46.763	ug/l	98
56) Ethyl methacrylate	9.116	69	70592	46.386	ug/l	93
57) 1,3-Dichloropropane	9.311	76	75167	45.594	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	176846	226.403	ug/l	96
59) 2-Hexanone	9.433	43	242166	227.349	ug/l	95
60) Dibromochloromethane	9.525	129	47747	48.335	ug/l	99
61) 1,2-Dibromoethane	9.610	107	46610	45.951	ug/l	100
64) Tetrachloroethene	9.275	164	53368	41.995	ug/l	95
65) Chlorobenzene	10.080	112	117014	44.717	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	43597	45.290	ug/l	98
67) Ethyl Benzene	10.195	91	207914	44.892	ug/l	98
68) m/p-Xylenes	10.305	106	160907	90.300	ug/l	96
69) o-Xylene	10.646	106	79801	45.704	ug/l	96
70) Styrene	10.659	104	134382	47.454	ug/l	97
71) Bromoform	10.799	173	32670	44.052	ug/l #	99
73) Isopropylbenzene	10.964	105	210262	42.588	ug/l	99
74) N-amyl acetate	10.842	43	82940	42.044	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	59868	44.683	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	60113m	43.811	ug/l	
77) Bromobenzene	11.201	156	50909	43.379	ug/l	93
78) n-propylbenzene	11.305	91	238830	43.635	ug/l	99
79) 2-Chlorotoluene	11.366	91	143524	42.440	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	175422	43.171	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	18216	42.086	ug/l	90
82) 4-Chlorotoluene	11.457	91	164933	43.474	ug/l	97
83) tert-Butylbenzene	11.713	119	172263	44.480	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	176384	43.035	ug/l	98
85) sec-Butylbenzene	11.890	105	217864	44.379	ug/l	99
86) p-Isopropyltoluene	12.012	119	186517	44.848	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	95976	44.631	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	97703	45.051	ug/l	99
89) n-Butylbenzene	12.335	91	157167	46.189	ug/l	99
90) Hexachloroethane	12.542	117	28878	48.043	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	93766	45.189	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14016	42.539	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	62247	47.535	ug/l	99
94) Hexachlorobutadiene	13.725	225	25804	46.586	ug/l	98
95) Naphthalene	13.780	128	211722	46.158	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	61951	46.721	ug/l	98

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

