

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012422\
 Data File : VX026556.D
 Acq On : 24 Jan 2022 17:20
 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 01/25/2022
 Supervised By : Mahesh Dadoda 01/25/2022

Quant Time: Jan 25 03:26:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	108044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173430	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69856	46.284	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.560%		
35) Dibromofluoromethane	5.385	113	55098	49.197	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.400%		
50) Toluene-d8	8.653	98	197303	48.888	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.780%		
62) 4-Bromofluorobenzene	11.079	95	70231	48.986	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	51550	40.405	ug/l	100
3) Chloromethane	1.294	50	49306	42.157	ug/l	100
4) Vinyl Chloride	1.379	62	52332	42.617	ug/l	99
5) Bromomethane	1.617	94	23891	42.176	ug/l	100
6) Chloroethane	1.690	64	26982	43.453	ug/l	100
7) Trichlorofluoromethane	1.892	101	83114	42.871	ug/l	97
8) Diethyl Ether	2.135	74	30027	43.769	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	54413	46.056	ug/l	99
10) Methyl Iodide	2.459	142	70842	55.193	ug/l	97
11) Tert butyl alcohol	2.995	59	48677	231.840	ug/l	100
12) 1,1-Dichloroethene	2.324	96	51016	45.212	ug/l	95
13) Acrolein	2.239	56	55481	248.678	ug/l	100
14) Allyl chloride	2.666	41	95576	46.059	ug/l	97
15) Acrylonitrile	3.068	53	148030	229.037	ug/l	99
16) Acetone	2.385	43	146879	190.831	ug/l	96
17) Carbon Disulfide	2.513	76	135634	41.171	ug/l	98
18) Methyl Acetate	2.709	43	70236	45.901	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	183140	44.731	ug/l	99
20) Methylene Chloride	2.794	84	56082	44.101	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	54933	44.970	ug/l	99
22) Diisopropyl ether	3.763	45	192681	45.712	ug/l	95
23) Vinyl Acetate	3.721	43	808344	232.975	ug/l	99
24) 1,1-Dichloroethane	3.611	63	103536	45.482	ug/l	99
25) 2-Butanone	4.562	43	213418	213.216	ug/l	98
26) 2,2-Dichloropropane	4.476	77	79950	47.382	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	64848	46.515	ug/l	98
28) Bromochloromethane	4.897	49	45231	48.389	ug/l	99
29) Tetrahydrofuran	5.007	42	131947	221.953	ug/l	98
30) Chloroform	5.098	83	108334	45.802	ug/l	98
31) Cyclohexane	5.476	56	97739	43.905	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	95944	46.116	ug/l	100
36) 1,1-Dichloropropene	5.696	75	80019	45.259	ug/l	99
37) Ethyl Acetate	4.714	43	83513	46.695	ug/l	99
38) Carbon Tetrachloride	5.678	117	85605	47.072	ug/l	95
39) Methylcyclohexane	7.385	83	98764	46.312	ug/l	97
40) Benzene	6.037	78	227286	46.510	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	48240	47.615	ug/l	99
42) 1,2-Dichloroethane	6.086	62	86043	45.002	ug/l	100
43) Isopropyl Acetate	6.342	43	135546	46.918	ug/l	99
44) Trichloroethene	7.128	130	66417	47.897	ug/l	98
45) 1,2-Dichloropropane	7.433	63	58281	47.779	ug/l	99
46) Dibromomethane	7.580	93	40499	47.098	ug/l	99
47) Bromodichloromethane	7.823	83	82326	47.384	ug/l	100
48) Methyl methacrylate	7.689	41	66221	46.252	ug/l	100
49) 1,4-Dioxane	7.689	88	20368	866.880	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	401186	234.123	ug/l	99
52) Toluene	8.720	92	140956	47.037	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	82997	44.887	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	93154	49.920	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	54892	46.939	ug/l	99
56) Ethyl methacrylate	9.116	69	87216	48.665	ug/l	97
57) 1,3-Dichloropropane	9.311	76	96995	47.840	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	230825	245.624	ug/l	100
59) 2-Hexanone	9.433	43	301999	230.266	ug/l	99
60) Dibromochloromethane	9.524	129	60515	49.658	ug/l	100
61) 1,2-Dibromoethane	9.610	107	57886	47.503	ug/l	99
64) Tetrachloroethene	9.274	164	67053	48.765	ug/l	96
65) Chlorobenzene	10.079	112	146177	47.689	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	55545	48.769	ug/l	100
67) Ethyl Benzene	10.195	91	266060	47.765	ug/l	100
68) m/p-Xylenes	10.305	106	200788	96.323	ug/l	99
69) o-Xylene	10.640	106	96760	48.105	ug/l	100
70) Styrene	10.658	104	163137	49.704	ug/l	99
71) Bromoform	10.799	173	39960	46.026	ug/l #	99
73) Isopropylbenzene	10.963	105	259459	46.561	ug/l	99
74) N-amyl acetate	10.841	43	102032	47.428	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	70309	47.007	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	71403m	47.703	ug/l	
77) Bromobenzene	11.201	156	59708	46.771	ug/l	98
78) n-propylbenzene	11.305	91	299641	47.153	ug/l	100
79) 2-Chlorotoluene	11.366	91	176999	45.933	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	216282	47.078	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	22171	47.049	ug/l	93
82) 4-Chlorotoluene	11.457	91	203728	46.001	ug/l	98
83) tert-Butylbenzene	11.713	119	204910	47.779	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	215208	46.835	ug/l	99
85) sec-Butylbenzene	11.890	105	265880	47.929	ug/l	99
86) p-Isopropyltoluene	12.012	119	228752	49.151	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	112670	47.085	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	112693	46.529	ug/l	99
89) n-Butylbenzene	12.335	91	194661	48.739	ug/l	100
90) Hexachloroethane	12.542	117	35223	45.554	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	106484	47.089	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.944	75	17199	47.577	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	70618	48.710	ug/l	99
94) Hexachlorobutadiene	13.725	225	30282	49.480	ug/l	99
95) Naphthalene	13.780	128	238660	49.353	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	70261	49.279	ug/l	99

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

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