

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026264.D
 Acq On : 04 Jan 2022 11:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2022
 Supervised By : Mahesh Dadoda 01/05/2022

Quant Time: Jan 05 06:06:25 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	183081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	302371	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	264126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141990	53.609	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.220%			
35) Dibromofluoromethane	5.385	113	103347	52.572	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.140%			
50) Toluene-d8	8.647	98	367250	50.225	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.460%			
62) 4-Bromofluorobenzene	11.079	95	142530	54.756	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	104550	54.373	ug/l	100
3) Chloromethane	1.294	50	101118	45.178	ug/l	99
4) Vinyl Chloride	1.380	62	107755	45.745	ug/l	100
5) Bromomethane	1.605	94	61085	42.020	ug/l	100
6) Chloroethane	1.685	64	67946	41.020	ug/l	98
7) Trichlorofluoromethane	1.892	101	180758	44.547	ug/l	95
8) Diethyl Ether	2.136	74	64457	46.241	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	110979	51.880	ug/l	99
10) Methyl Iodide	2.453	142	138741	50.154	ug/l	97
11) Tert butyl alcohol	2.959	59	116005	219.282	ug/l	99
12) 1,1-Dichloroethene	2.325	96	105151	51.867	ug/l	93
13) Acrolein	2.239	56	62745	331.689	ug/l	100
14) Allyl chloride	2.666	41	200866	50.136	ug/l	96
15) Acrylonitrile	3.062	53	322836	246.479	ug/l	100
16) Acetone	2.373	43	379828	264.675	ug/l	94
17) Carbon Disulfide	2.514	76	289457	49.749	ug/l	100
18) Methyl Acetate	2.703	43	230823	49.587	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	394517	55.713	ug/l	100
20) Methylene Chloride	2.794	84	114509	49.902	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	112932	51.063	ug/l	90
22) Diisopropyl ether	3.757	45	396396	51.838	ug/l	93
23) Vinyl Acetate	3.721	43	1603364	264.059	ug/l	97
24) 1,1-Dichloroethane	3.611	63	219556	52.981	ug/l	100
25) 2-Butanone	4.550	43	511774	256.008	ug/l	97
26) 2,2-Dichloropropane	4.477	77	179700	57.554	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	130923	52.034	ug/l	90
28) Bromochloromethane	4.897	49	90099	49.054	ug/l	91
29) Tetrahydrofuran	5.001	42	304795	241.901	ug/l	95
30) Chloroform	5.092	83	224831	51.295	ug/l	98
31) Cyclohexane	5.477	56	198000	52.493	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	206102	54.089	ug/l	99
36) 1,1-Dichloropropene	5.696	75	166545	52.527	ug/l	98
37) Ethyl Acetate	4.708	43	186505	50.731	ug/l	99
38) Carbon Tetrachloride	5.678	117	176712	50.104	ug/l	98
39) Methylcyclohexane	7.379	83	196311	54.889	ug/l	94
40) Benzene	6.037	78	458497	50.668	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	105501	50.818	ug/l	94
42) 1,2-Dichloroethane	6.086	62	192374	52.530	ug/l	97
43) Isopropyl Acetate	6.336	43	308116	51.424	ug/l	98
44) Trichloroethene	7.129	130	132705	54.501	ug/l	93
45) 1,2-Dichloropropane	7.434	63	120477	52.052	ug/l	96
46) Dibromomethane	7.580	93	86070	50.133	ug/l	99
47) Bromodichloromethane	7.824	83	172477	49.380	ug/l	95
48) Methyl methacrylate	7.690	41	153142	53.293	ug/l	93
49) 1,4-Dioxane	7.659	88	43411	819.769	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	917429	246.048	ug/l	99
52) Toluene	8.720	92	285504	51.250	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	174320	47.042	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	191260	51.808	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	115514	50.452	ug/l	99
56) Ethyl methacrylate	9.116	69	192636	54.553	ug/l	94
57) 1,3-Dichloropropane	9.311	76	201222	51.308	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	476094	252.121	ug/l	96
59) 2-Hexanone	9.433	43	727181	257.465	ug/l	98
60) Dibromochloromethane	9.519	129	121747	46.940	ug/l	99
61) 1,2-Dibromoethane	9.610	107	121433	49.570	ug/l	99
64) Tetrachloroethene	9.275	164	134490	60.339	ug/l	99
65) Chlorobenzene	10.079	112	298266	51.405	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	112285	50.786	ug/l	99
67) Ethyl Benzene	10.195	91	557762	53.761	ug/l	98
68) m/p-Xylenes	10.305	106	415423	107.241	ug/l	92
69) o-Xylene	10.640	106	202823	53.513	ug/l	92
70) Styrene	10.659	104	341383	54.943	ug/l	96
71) Bromoform	10.799	173	80523	44.894	ug/l #	99
73) Isopropylbenzene	10.963	105	548988	55.134	ug/l	98
74) N-amyl acetate	10.841	43	250091	54.698	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	155607	45.950	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	161380m	52.192	ug/l	
77) Bromobenzene	11.201	156	123555	52.323	ug/l	89
78) n-propylbenzene	11.305	91	641040	55.993	ug/l	97
79) 2-Chlorotoluene	11.366	91	383918	54.477	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	462085	55.920	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	43876	41.052	ug/l #	82
82) 4-Chlorotoluene	11.457	91	449035	56.419	ug/l	94
83) tert-Butylbenzene	11.719	119	427407	53.289	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	460097	55.724	ug/l	97
85) sec-Butylbenzene	11.890	105	556706	55.620	ug/l	99
86) p-Isopropyltoluene	12.012	119	475657	57.006	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	240803	54.323	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	241324	50.776	ug/l	99
89) n-Butylbenzene	12.335	91	422271	56.946	ug/l	99
90) Hexachloroethane	12.542	117	70553	42.335	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	233371	50.751	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40589	46.820	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	147153	54.153	ug/l	99
94) Hexachlorobutadiene	13.725	225	62857	55.712	ug/l	98
95) Naphthalene	13.774	128	518144	52.335	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	148015	53.538	ug/l	98

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

