

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026639.D
 Acq On : 27 Jan 2022 20:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 28 04:28:36 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/28/2022
 Supervised By : Mahesh Dadoda 01/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	96665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	161518	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66286	49.088	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.180%			
35) Dibromofluoromethane	5.391	113	52525	50.358	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.720%			
50) Toluene-d8	8.653	98	191643	50.987	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.980%			
62) 4-Bromofluorobenzene	11.085	95	67449	50.516	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	44929	39.361	ug/l	99
3) Chloromethane	1.294	50	43734	41.795	ug/l	99
4) Vinyl Chloride	1.380	62	46614	42.429	ug/l	99
5) Bromomethane	1.617	94	15413	30.413	ug/l	100
6) Chloroethane	1.691	64	25806	46.451	ug/l	100
7) Trichlorofluoromethane	1.892	101	73745	42.516	ug/l	99
8) Diethyl Ether	2.136	74	27639	45.031	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	48344	45.736	ug/l	100
10) Methyl Iodide	2.459	142	36372	33.567	ug/l	99
11) Tert butyl alcohol	2.989	59	43841	233.387	ug/l #	85
12) 1,1-Dichloroethene	2.325	96	46793	46.351	ug/l	92
13) Acrolein	2.239	56	28026	140.406	ug/l	99
14) Allyl chloride	2.666	41	86465	46.573	ug/l	97
15) Acrylonitrile	3.068	53	142889	247.107	ug/l	99
16) Acetone	2.386	43	117750	170.994	ug/l	97
17) Carbon Disulfide	2.520	76	116838	39.641	ug/l	100
18) Methyl Acetate	2.709	43	67683	49.440	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	169374	46.238	ug/l	99
20) Methylene Chloride	2.794	84	52134	45.822	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	50400	46.116	ug/l	99
22) Diisopropyl ether	3.763	45	179768	47.669	ug/l	98
23) Vinyl Acetate	3.727	43	743607	239.546	ug/l	99
24) 1,1-Dichloroethane	3.617	63	96205	47.237	ug/l	99
25) 2-Butanone	4.562	43	190169	212.354	ug/l	99
26) 2,2-Dichloropropane	4.483	77	65381	43.309	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	60149	48.223	ug/l	98
28) Bromochloromethane	4.903	49	45582	54.505	ug/l	99
29) Tetrahydrofuran	5.007	42	128560	241.713	ug/l	99
30) Chloroform	5.098	83	100715	47.594	ug/l	96
31) Cyclohexane	5.476	56	87673	44.019	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	86186	46.303	ug/l	99
36) 1,1-Dichloropropene	5.702	75	73545	44.665	ug/l	98
37) Ethyl Acetate	4.720	43	79421	47.682	ug/l	100
38) Carbon Tetrachloride	5.684	117	76039	44.895	ug/l	98
39) Methylcyclohexane	7.385	83	87573	44.093	ug/l	98
40) Benzene	6.043	78	214384	47.106	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	45211	47.916	ug/l	97
42) 1,2-Dichloroethane	6.092	62	78812	44.260	ug/l	98
43) Isopropyl Acetate	6.342	43	127651	47.444	ug/l	99
44) Trichloroethene	7.129	130	60736	47.030	ug/l	98
45) 1,2-Dichloropropane	7.433	63	55634	48.972	ug/l	99
46) Dibromomethane	7.586	93	38145	47.632	ug/l	99
47) Bromodichloromethane	7.824	83	76963	47.564	ug/l	99
48) Methyl methacrylate	7.696	41	62482	46.859	ug/l	97
49) 1,4-Dioxane	7.689	88	19245	879.492	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	383099	240.056	ug/l	99
52) Toluene	8.720	92	133052	47.674	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	75364	43.812	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	85813	49.377	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	53331	48.967	ug/l	100
56) Ethyl methacrylate	9.116	69	82566	49.468	ug/l	97
57) 1,3-Dichloropropane	9.311	76	92223	48.841	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	220301	251.714	ug/l	99
59) 2-Hexanone	9.433	43	276333	226.235	ug/l	98
60) Dibromochloromethane	9.524	129	56696	49.955	ug/l	99
61) 1,2-Dibromoethane	9.610	107	55346	48.768	ug/l	99
64) Tetrachloroethene	9.275	164	63177	48.982	ug/l	94
65) Chlorobenzene	10.079	112	137803	47.927	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	52120	48.786	ug/l	99
67) Ethyl Benzene	10.195	91	251212	48.079	ug/l	99
68) m/p-Xylenes	10.305	106	188917	96.616	ug/l	98
69) o-Xylene	10.646	106	92271	48.904	ug/l	99
70) Styrene	10.658	104	153260	49.780	ug/l	98
71) Bromoform	10.799	173	36347	44.698	ug/l #	100
73) Isopropylbenzene	10.963	105	245155	48.339	ug/l	100
74) N-amyl acetate	10.847	43	95264	48.656	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	66100	48.558	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	65006m	47.718	ug/l	
77) Bromobenzene	11.201	156	55494	47.763	ug/l	98
78) n-propylbenzene	11.305	91	276830	47.866	ug/l	100
79) 2-Chlorotoluene	11.366	91	162932	46.458	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	199473	47.708	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	18991	44.574	ug/l	96
82) 4-Chlorotoluene	11.457	91	185238	45.957	ug/l	98
83) tert-Butylbenzene	11.719	119	189045	48.434	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	198147	47.381	ug/l	99
85) sec-Butylbenzene	11.890	105	243859	48.301	ug/l	100
86) p-Isopropyltoluene	12.012	119	203810	48.117	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	102799	47.203	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	103187	46.812	ug/l	99
89) n-Butylbenzene	12.335	91	171999	47.319	ug/l	100
90) Hexachloroethane	12.542	117	30741	43.773	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	99273	48.237	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15503	47.121	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	62514	47.379	ug/l	98
94) Hexachlorobutadiene	13.725	225	25584	45.932	ug/l	98
95) Naphthalene	13.780	128	220674	50.141	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	63314	48.792	ug/l	99

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

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