

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
 Data File : VX026367.D
 Acq On : 06 Jan 2022 11:53
 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 :Semsettin Yesilyurt 01/07/2022
 Supervised By :Mahesh Dadoda 01/07/2022

Quant Time: Jan 07 04:10:34 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	112551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76459	46.957	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.920%		
35) Dibromofluoromethane	5.391	113	56901	47.751	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.500%		
50) Toluene-d8	8.653	98	205236	46.304	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.600%		
62) 4-Bromofluorobenzene	11.079	95	78493	49.746	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	56549	47.839	ug/l	98
3) Chloromethane	1.294	50	51953	37.757	ug/l	99
4) Vinyl Chloride	1.380	62	59804	41.298	ug/l	99
5) Bromomethane	1.611	94	37691	42.175	ug/l	98
6) Chloroethane	1.691	64	36443	35.789	ug/l	98
7) Trichlorofluoromethane	1.892	101	99154	39.749	ug/l	95
8) Diethyl Ether	2.136	74	35760	41.730	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	63217	48.072	ug/l	100
10) Methyl Iodide	2.459	142	62752	36.899	ug/l	98
11) Tert butyl alcohol	2.989	59	65044m	199.999	ug/l	
12) 1,1-Dichloroethene	2.325	96	58637	47.048	ug/l	94
13) Acrolein	2.239	56	25952	223.160	ug/l	99
14) Allyl chloride	2.666	41	112121	45.522	ug/l	98
15) Acrylonitrile	3.062	53	172080	213.709	ug/l	98
16) Acetone	2.379	43	211696	239.956	ug/l	95
17) Carbon Disulfide	2.514	76	158341	44.268	ug/l	99
18) Methyl Acetate	2.703	43	126016	44.036	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	221212	50.815	ug/l	99
20) Methylene Chloride	2.794	84	63692	45.058	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	62724	46.134	ug/l	91
22) Diisopropyl ether	3.763	45	223544	47.553	ug/l	90
23) Vinyl Acetate	3.721	43	880554	235.895	ug/l	97
24) 1,1-Dichloroethane	3.611	63	121781	47.802	ug/l	99
25) 2-Butanone	4.556	43	273926	222.896	ug/l	98
26) 2,2-Dichloropropane	4.477	77	97378	50.732	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	74873	48.405	ug/l	93
28) Bromochloromethane	4.897	49	50527	44.747	ug/l	92
29) Tetrahydrofuran	5.001	42	164352	212.177	ug/l	95
30) Chloroform	5.098	83	126788	47.053	ug/l	100
31) Cyclohexane	5.476	56	110751	47.762	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	115562	49.332	ug/l	99
36) 1,1-Dichloropropene	5.696	75	95406	49.640	ug/l	97
37) Ethyl Acetate	4.708	43	101660	45.618	ug/l	99
38) Carbon Tetrachloride	5.678	117	100518	47.017	ug/l	99
39) Methylcyclohexane	7.385	83	110851	51.130	ug/l	95
40) Benzene	6.037	78	259640	47.334	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	57764	45.901	ug/l	94
42) 1,2-Dichloroethane	6.086	62	105381	47.470	ug/l	98
43) Isopropyl Acetate	6.336	43	170575	46.965	ug/l	98
44) Trichloroethene	7.129	130	76990	52.161	ug/l	95
45) 1,2-Dichloropropane	7.433	63	67922	48.411	ug/l	98
46) Dibromomethane	7.580	93	47430	45.575	ug/l	99
47) Bromodichloromethane	7.824	83	96954	45.791	ug/l	96
48) Methyl methacrylate	7.689	41	83072	47.691	ug/l	93
49) 1,4-Dioxane	7.677	88	24093	750.557	ug/l #	89
51) 4-Methyl-2-Pentanone	8.573	43	497395	220.065	ug/l	99
52) Toluene	8.720	92	163375	48.380	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	97465	43.537	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	107406	47.995	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	65688	47.330	ug/l	98
56) Ethyl methacrylate	9.116	69	107169	50.067	ug/l	95
57) 1,3-Dichloropropane	9.311	76	113185	47.610	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	253988	223.065	ug/l	97
59) 2-Hexanone	9.433	43	385823	225.354	ug/l	98
60) Dibromochloromethane	9.525	129	69890	44.453	ug/l	100
61) 1,2-Dibromoethane	9.610	107	68136	45.883	ug/l	99
64) Tetrachloroethene	9.275	164	76237	56.339	ug/l	98
65) Chlorobenzene	10.079	112	170369	48.365	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	64466	48.027	ug/l	99
67) Ethyl Benzene	10.195	91	316159	50.195	ug/l	99
68) m/p-Xylenes	10.305	106	236547	100.583	ug/l	93
69) o-Xylene	10.640	106	116250	50.520	ug/l	95
70) Styrene	10.658	104	192594	51.056	ug/l	96
71) Bromoform	10.799	173	46724	42.909	ug/l #	98
73) Isopropylbenzene	10.963	105	311467	53.009	ug/l	98
74) N-amyl acetate	10.847	43	133829	49.602	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	84387	42.229	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	86241m	47.265	ug/l	
77) Bromobenzene	11.201	156	70620	50.680	ug/l	91
78) n-propylbenzene	11.305	91	362209	53.615	ug/l	97
79) 2-Chlorotoluene	11.366	91	214902	51.677	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	260734	53.472	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	23682	37.549	ug/l #	83
82) 4-Chlorotoluene	11.457	91	251562	53.563	ug/l	94
83) tert-Butylbenzene	11.713	119	242613	51.261	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	259004	53.159	ug/l	97
85) sec-Butylbenzene	11.890	105	314481	53.245	ug/l	99
86) p-Isopropyltoluene	12.012	119	266464	54.118	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	134974	51.599	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	135205	48.209	ug/l	99
89) n-Butylbenzene	12.335	91	235300	53.774	ug/l	99
90) Hexachloroethane	12.542	117	40343	41.023	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	130042	47.924	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21847	42.707	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	84633	52.780	ug/l	99
94) Hexachlorobutadiene	13.725	225	35499	53.320	ug/l	98
95) Naphthalene	13.780	128	299149	51.204	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	85380	52.334	ug/l	98

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

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