

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026909.D
 Acq On : 10 Feb 2022 07:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/10/2022
 Supervised By :Mahesh Dadoda 02/10/2022

Quant Time: Feb 10 08:46:01 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	5.556	168	96442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162137	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62164	53.697	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.400%			
35) Dibromofluoromethane	5.391	113	49098	50.827	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.660%			
50) Toluene-d8	8.653	98	184719	52.095	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.180%			
62) 4-Bromofluorobenzene	11.079	95	63739	51.058	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	53456	50.975	ug/l	100
3) Chloromethane	1.294	50	52712	54.033	ug/l	99
4) Vinyl Chloride	1.380	62	53682	52.566	ug/l	99
5) Bromomethane	1.618	94	21969	50.696	ug/l	99
6) Chloroethane	1.691	64	27897	50.065	ug/l	99
7) Trichlorofluoromethane	1.892	101	75706	50.376	ug/l	98
8) Diethyl Ether	2.136	74	28276	50.792	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	47917	48.643	ug/l	99
10) Methyl Iodide	2.459	142	64041	47.013	ug/l	99
11) Tert butyl alcohol	3.014	59	45684	218.437	ug/l #	90
12) 1,1-Dichloroethene	2.325	96	47762	48.391	ug/l	96
13) Acrolein	2.239	56	44301	229.214	ug/l	99
14) Allyl chloride	2.666	41	86121	49.260	ug/l	97
15) Acrylonitrile	3.069	53	149606	249.627	ug/l	99
16) Acetone	2.386	43	121088	238.144	ug/l	98
17) Carbon Disulfide	2.520	76	129416	46.318	ug/l	100
18) Methyl Acetate	2.709	43	69572	47.556	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	168405	48.204	ug/l	100
20) Methylene Chloride	2.794	84	54049	49.058	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	51934	50.003	ug/l	99
22) Diisopropyl ether	3.764	45	177021	50.292	ug/l	99
23) Vinyl Acetate	3.727	43	756160	255.510	ug/l	99
24) 1,1-Dichloroethane	3.617	63	95660	50.224	ug/l	100
25) 2-Butanone	4.562	43	202390	247.052	ug/l	99
26) 2,2-Dichloropropane	4.483	77	58510	45.466	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	60186	50.470	ug/l	95
28) Bromochloromethane	4.904	49	42924	54.366	ug/l	100
29) Tetrahydrofuran	5.007	42	136600	245.271	ug/l	99
30) Chloroform	5.099	83	98251	49.649	ug/l	99
31) Cyclohexane	5.477	56	89726	48.778	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	85547	49.032	ug/l	100
36) 1,1-Dichloropropene	5.702	75	73634	48.319	ug/l	99
37) Ethyl Acetate	4.715	43	82143	47.431	ug/l	99
38) Carbon Tetrachloride	5.684	117	76186	47.675	ug/l	98
39) Methylcyclohexane	7.385	83	88778	47.504	ug/l	96
40) Benzene	6.044	78	216337	48.710	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46905	49.971	ug/l	97
42) 1,2-Dichloroethane	6.092	62	79041	50.504	ug/l	99
43) Isopropyl Acetate	6.342	43	130291	48.896	ug/l	99
44) Trichloroethene	7.129	130	63067	47.293	ug/l	96
45) 1,2-Dichloropropane	7.434	63	54902	48.858	ug/l	96
46) Dibromomethane	7.580	93	38855	49.971	ug/l	100
47) Bromodichloromethane	7.824	83	77234	51.869	ug/l	99
48) Methyl methacrylate	7.696	41	64316	48.713	ug/l	98
49) 1,4-Dioxane	7.690	88	19720	866.755	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	397806	246.359	ug/l	100
52) Toluene	8.720	92	136780	48.643	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	76010	47.231	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	84804	51.577	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	53621	50.371	ug/l	98
56) Ethyl methacrylate	9.116	69	82885	49.119	ug/l	97
57) 1,3-Dichloropropane	9.311	76	93903	51.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	210327	242.840	ug/l	98
59) 2-Hexanone	9.433	43	285964	242.120	ug/l	99
60) Dibromochloromethane	9.525	129	57785	52.756	ug/l	100
61) 1,2-Dibromoethane	9.610	107	56765	50.470	ug/l	100
64) Tetrachloroethene	9.275	164	66754	46.964	ug/l	97
65) Chlorobenzene	10.079	112	141484	48.341	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	53183	49.396	ug/l	99
67) Ethyl Benzene	10.195	91	257584	49.725	ug/l	99
68) m/p-Xylenes	10.305	106	193583	97.130	ug/l	98
69) o-Xylene	10.640	106	94819	48.553	ug/l	98
70) Styrene	10.659	104	156511	49.414	ug/l	99
71) Bromoform	10.799	173	37006	44.589	ug/l #	100
73) Isopropylbenzene	10.963	105	246174	50.015	ug/l	99
74) N-amyl acetate	10.842	43	95917	48.771	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	63375	47.446	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	65750m	48.067	ug/l	
77) Bromobenzene	11.201	156	57101	48.805	ug/l	97
78) n-propylbenzene	11.305	91	279831	51.283	ug/l	99
79) 2-Chlorotoluene	11.366	91	165705	49.149	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	203600	50.260	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18501	42.812	ug/l	95
82) 4-Chlorotoluene	11.457	91	189187	50.020	ug/l	99
83) tert-Butylbenzene	11.713	119	187461	48.553	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	202148	49.473	ug/l	98
85) sec-Butylbenzene	11.890	105	245786	50.221	ug/l	100
86) p-Isopropyltoluene	12.012	119	205952	49.673	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	103963	48.493	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	103944	48.076	ug/l	99
89) n-Butylbenzene	12.335	91	169004	49.820	ug/l	100
90) Hexachloroethane	12.542	117	31536	52.626	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	99784	48.238	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15487	47.148	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	63036	48.285	ug/l	99
94) Hexachlorobutadiene	13.725	225	24682	44.697	ug/l	99
95) Naphthalene	13.774	128	222196	48.590	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	62785	47.495	ug/l	99

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

