

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026864.D
 Acq On : 09 Feb 2022 11:48
 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 02/10/2022
 Supervised By :Mahesh Dadoda 02/10/2022

Quant Time: Feb 10 01:03:16 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	99838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162158	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65222	54.422	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.840%			
35) Dibromofluoromethane	5.385	113	52489	54.331	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.660%			
50) Toluene-d8	8.647	98	191478	53.994	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.980%			
62) 4-Bromofluorobenzene	11.079	95	67315	53.915	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	58626	54.004	ug/l	99
3) Chloromethane	1.294	50	53090	52.569	ug/l	100
4) Vinyl Chloride	1.380	62	56338	53.291	ug/l	100
5) Bromomethane	1.618	94	24297	54.161	ug/l	98
6) Chloroethane	1.691	64	32455	57.573	ug/l	99
7) Trichlorofluoromethane	1.892	101	83338	53.568	ug/l	99
8) Diethyl Ether	2.136	74	30512	52.945	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	56223	55.133	ug/l	99
10) Methyl Iodide	2.459	142	70007	49.519	ug/l	97
11) Tert butyl alcohol	2.983	59	50381	232.701	ug/l #	90
12) 1,1-Dichloroethene	2.325	96	53324	52.189	ug/l	93
13) Acrolein	2.239	56	55528	277.530	ug/l	99
14) Allyl chloride	2.666	41	97524	53.884	ug/l	96
15) Acrylonitrile	3.068	53	159638	257.306	ug/l	99
16) Acetone	2.386	43	155809	296.007	ug/l	96
17) Carbon Disulfide	2.514	76	147547	51.011	ug/l	100
18) Methyl Acetate	2.703	43	75449	49.818	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	190950	52.798	ug/l	99
20) Methylene Chloride	2.794	84	58114	50.953	ug/l	97
21) trans-1,2-Dichloroethene	3.099	96	56963	52.980	ug/l	97
22) Diisopropyl ether	3.764	45	192846	52.924	ug/l	97
23) Vinyl Acetate	3.721	43	848865	277.079	ug/l	99
24) 1,1-Dichloroethane	3.611	63	105133	53.320	ug/l	100
25) 2-Butanone	4.556	43	232569	274.234	ug/l	100
26) 2,2-Dichloropropane	4.477	77	83991	63.047	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	66154	53.588	ug/l	98
28) Bromochloromethane	4.904	49	43833	53.629	ug/l	96
29) Tetrahydrofuran	5.007	42	146016	253.260	ug/l	98
30) Chloroform	5.099	83	107598	52.523	ug/l	98
31) Cyclohexane	5.471	56	100736	52.900	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	96788	53.588	ug/l	99
36) 1,1-Dichloropropene	5.696	75	82430	54.084	ug/l	99
37) Ethyl Acetate	4.715	43	89105	51.444	ug/l	99
38) Carbon Tetrachloride	5.684	117	85365	53.412	ug/l	98
39) Methylcyclohexane	7.379	83	104941	56.146	ug/l	97
40) Benzene	6.037	78	235935	53.116	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	49271	52.485	ug/l	97
42) 1,2-Dichloroethane	6.086	62	86189	55.064	ug/l	99
43) Isopropyl Acetate	6.342	43	145949	54.765	ug/l	98
44) Trichloroethene	7.129	130	69978	52.468	ug/l	98
45) 1,2-Dichloropropane	7.434	63	60179	53.547	ug/l	99
46) Dibromomethane	7.580	93	42453	54.592	ug/l	98
47) Bromodichloromethane	7.824	83	83155	55.838	ug/l	100
48) Methyl methacrylate	7.690	41	70447	53.350	ug/l	97
49) 1,4-Dioxane	7.677	88	21330	937.398	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	423846	262.451	ug/l	98
52) Toluene	8.720	92	146693	52.161	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	88385	54.694	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	98000	59.594	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	57799	54.288	ug/l	99
56) Ethyl methacrylate	9.116	69	92580	54.857	ug/l	97
57) 1,3-Dichloropropane	9.311	76	100237	54.827	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	227457	262.584	ug/l	98
59) 2-Hexanone	9.433	43	315026	266.692	ug/l	98
60) Dibromochloromethane	9.525	129	61630	56.259	ug/l	99
61) 1,2-Dibromoethane	9.610	107	61034	54.258	ug/l	100
64) Tetrachloroethene	9.275	164	74306	54.374	ug/l	94
65) Chlorobenzene	10.079	112	151281	53.761	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	57177	55.236	ug/l	99
67) Ethyl Benzene	10.195	91	274006	55.017	ug/l	99
68) m/p-Xylenes	10.299	106	209284	109.220	ug/l	97
69) o-Xylene	10.640	106	101703	54.167	ug/l	96
70) Styrene	10.659	104	166628	54.718	ug/l	98
71) Bromoform	10.799	173	40817	50.880	ug/l #	99
73) Isopropylbenzene	10.963	105	265484	54.753	ug/l	99
74) N-amyl acetate	10.841	43	107610	55.544	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	68188	51.821	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	72747m	53.985	ug/l	
77) Bromobenzene	11.201	156	61686	53.520	ug/l	96
78) n-propylbenzene	11.305	91	303664	56.492	ug/l	99
79) 2-Chlorotoluene	11.366	91	178141	53.636	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	219586	55.025	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23329	53.850	ug/l	93
82) 4-Chlorotoluene	11.457	91	207339	55.647	ug/l	98
83) tert-Butylbenzene	11.713	119	206909	54.399	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	218563	54.298	ug/l	98
85) sec-Butylbenzene	11.890	105	270144	56.031	ug/l	100
86) p-Isopropyltoluene	12.012	119	228789	56.015	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	114289	54.115	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	114359	53.693	ug/l	99
89) n-Butylbenzene	12.335	91	197043	58.963	ug/l	99
90) Hexachloroethane	12.542	117	35605	60.314	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	109370	53.670	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17702	54.706	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	72991	56.755	ug/l	98
94) Hexachlorobutadiene	13.725	225	31478	57.866	ug/l	98
95) Naphthalene	13.774	128	250728	55.658	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	73144	56.168	ug/l	99

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

