

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026939.D
 Acq On : 10 Feb 2022 22:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 11 04:05:03 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/11/2022
 Supervised By :Mahesh Dadoda 02/11/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	92759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	153310	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60410	54.253	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.500%			
35) Dibromofluoromethane	5.391	113	47316	51.803	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.600%			
50) Toluene-d8	8.653	98	183089	54.608	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.220%			
62) 4-Bromofluorobenzene	11.079	95	65825	55.765	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	52287	51.840	ug/l	99
3) Chloromethane	1.294	50	49911	53.193	ug/l	100
4) Vinyl Chloride	1.380	62	52528	53.479	ug/l	98
5) Bromomethane	1.617	94	20750	49.784	ug/l	98
6) Chloroethane	1.691	64	29617	56.332	ug/l	99
7) Trichlorofluoromethane	1.892	101	74823	51.765	ug/l	99
8) Diethyl Ether	2.136	74	26970	50.370	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	47400	50.029	ug/l	98
10) Methyl Iodide	2.459	142	65671	49.975	ug/l	97
11) Tert butyl alcohol	3.014	59	43178m	214.652	ug/l	
12) 1,1-Dichloroethene	2.325	96	47202	49.722	ug/l	93
13) Acrolein	2.239	56	50389	271.065	ug/l	98
14) Allyl chloride	2.666	41	86524	51.455	ug/l	97
15) Acrylonitrile	3.068	53	149097	258.655	ug/l	100
16) Acetone	2.386	43	125254	256.118	ug/l	97
17) Carbon Disulfide	2.520	76	125304	46.627	ug/l	99
18) Methyl Acetate	2.709	43	69145	49.140	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	165110	49.137	ug/l	100
20) Methylene Chloride	2.794	84	53866	50.833	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	50877	50.930	ug/l	98
22) Diisopropyl ether	3.763	45	173425	51.226	ug/l	99
23) Vinyl Acetate	3.727	43	746111	262.125	ug/l	99
24) 1,1-Dichloroethane	3.617	63	94472	51.570	ug/l	100
25) 2-Butanone	4.562	43	206027	261.477	ug/l	99
26) 2,2-Dichloropropane	4.483	77	63036	50.928	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	59650	52.007	ug/l	97
28) Bromochloromethane	4.903	49	36567	48.153	ug/l	99
29) Tetrahydrofuran	5.013	42	138312	258.206	ug/l	99
30) Chloroform	5.099	83	96785	50.850	ug/l	99
31) Cyclohexane	5.477	56	89438	50.552	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	85215	50.781	ug/l	99
36) 1,1-Dichloropropene	5.702	75	72623	50.400	ug/l	99
37) Ethyl Acetate	4.715	43	81269	49.628	ug/l	99
38) Carbon Tetrachloride	5.684	117	75153	49.736	ug/l	98
39) Methylcyclohexane	7.385	83	89376	50.578	ug/l	98
40) Benzene	6.044	78	211449	50.351	ug/l	100

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41) Methacrylonitrile	4.928	41	45725	51.519	ug/l	97
42) 1,2-Dichloroethane	6.092	62	77829	52.593	ug/l	98
43) Isopropyl Acetate	6.342	43	129870	51.544	ug/l	99
44) Trichloroethene	7.129	130	61815	49.023	ug/l	98
45) 1,2-Dichloropropane	7.434	63	54359	51.160	ug/l	98
46) Dibromomethane	7.580	93	37858	51.492	ug/l	98
47) Bromodichloromethane	7.824	83	75244	53.442	ug/l	99
48) Methyl methacrylate	7.696	41	65079	52.129	ug/l	98
49) 1,4-Dioxane	7.683	88	20614	958.216	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	401645	263.058	ug/l	98
52) Toluene	8.720	92	135012	50.779	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	76314	50.067	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	84267	54.201	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	54498	54.142	ug/l	98
56) Ethyl methacrylate	9.116	69	85296	53.458	ug/l	97
57) 1,3-Dichloropropane	9.311	76	92728	53.647	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	210338	256.836	ug/l	99
59) 2-Hexanone	9.433	43	290196	259.850	ug/l	98
60) Dibromochloromethane	9.525	129	57636	55.649	ug/l	99
61) 1,2-Dibromoethane	9.610	107	57520	54.086	ug/l	100
64) Tetrachloroethene	9.275	164	65207	47.007	ug/l	94
65) Chlorobenzene	10.079	112	143839	50.357	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	52883	50.329	ug/l	99
67) Ethyl Benzene	10.195	91	261241	51.675	ug/l	99
68) m/p-Xylenes	10.305	106	197150	101.359	ug/l	99
69) o-Xylene	10.640	106	95665	50.194	ug/l	98
70) Styrene	10.659	104	159007	51.440	ug/l	98
71) Bromoform	10.799	173	37477	46.200	ug/l #	98
73) Isopropylbenzene	10.963	105	252950	52.536	ug/l	99
74) N-amyl acetate	10.848	43	98309	51.101	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	66486	50.884	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	68466m	51.167	ug/l	
77) Bromobenzene	11.201	156	58569	51.174	ug/l	98
78) n-propylbenzene	11.305	91	286230	53.624	ug/l	100
79) 2-Chlorotoluene	11.366	91	170302	51.637	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	208193	52.538	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20201	47.393	ug/l	95
82) 4-Chlorotoluene	11.457	91	193496	52.298	ug/l	98
83) tert-Butylbenzene	11.713	119	194729	51.558	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	206006	51.540	ug/l	98
85) sec-Butylbenzene	11.890	105	255113	53.287	ug/l	100
86) p-Isopropyltoluene	12.012	119	212822	52.473	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	104993	50.064	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	105279	49.778	ug/l	99
89) n-Butylbenzene	12.335	91	177347	53.444	ug/l	99
90) Hexachloroethane	12.542	117	32745	55.860	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	101898	50.356	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15771	49.082	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	64934	50.846	ug/l	98
94) Hexachlorobutadiene	13.725	225	26165	48.438	ug/l	99
95) Naphthalene	13.774	128	228799	51.148	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	65143	50.376	ug/l	99

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

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