

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026957.D
 Acq On : 11 Feb 2022 06:35
 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 02/11/2022
 Supervised By :Mahesh Dadoda 02/11/2022

Quant Time: Feb 11 07:37:49 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	91680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	152703	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58905	53.524	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.040%			
35) Dibromofluoromethane	5.391	113	46921	51.574	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.140%			
50) Toluene-d8	8.653	98	177210	53.064	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.120%			
62) 4-Bromofluorobenzene	11.079	95	62259	52.953	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	50876	51.035	ug/l	99
3) Chloromethane	1.294	50	50063	53.983	ug/l	100
4) Vinyl Chloride	1.380	62	50341	51.855	ug/l	99
5) Bromomethane	1.617	94	20418	49.564	ug/l	98
6) Chloroethane	1.691	64	27717	52.757	ug/l	97
7) Trichlorofluoromethane	1.892	101	73246	51.270	ug/l	99
8) Diethyl Ether	2.136	74	26316	49.727	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	46727	49.899	ug/l	99
10) Methyl Iodide	2.459	142	60683	46.869	ug/l	98
11) Tert butyl alcohol	3.014	59	41489	208.683	ug/l	95
12) 1,1-Dichloroethene	2.325	96	45486	48.479	ug/l	95
13) Acrolein	2.239	56	45983	250.275	ug/l	100
14) Allyl chloride	2.672	41	82440	49.603	ug/l	98
15) Acrylonitrile	3.068	53	145325	255.079	ug/l	100
16) Acetone	2.386	43	118281	244.706	ug/l	96
17) Carbon Disulfide	2.520	76	123216	46.390	ug/l	100
18) Methyl Acetate	2.709	43	67285	48.381	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	159439	48.008	ug/l	99
20) Methylene Chloride	2.794	84	52363	49.996	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	49318	49.951	ug/l	98
22) Diisopropyl ether	3.763	45	169721	50.722	ug/l	99
23) Vinyl Acetate	3.727	43	724185	257.416	ug/l	99
24) 1,1-Dichloroethane	3.617	63	91813	50.708	ug/l	99
25) 2-Butanone	4.562	43	196542	252.375	ug/l	100
26) 2,2-Dichloropropane	4.483	77	55722	45.549	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	58020	51.181	ug/l	96
28) Bromochloromethane	4.904	49	38425	51.196	ug/l	100
29) Tetrahydrofuran	5.007	42	132782	250.799	ug/l	99
30) Chloroform	5.105	83	95354	50.688	ug/l	98
31) Cyclohexane	5.477	56	86878	49.682	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	81542	49.164	ug/l	98
36) 1,1-Dichloropropene	5.702	75	70220	48.926	ug/l	98
37) Ethyl Acetate	4.715	43	79617	48.812	ug/l	99
38) Carbon Tetrachloride	5.684	117	73415	48.779	ug/l	99
39) Methylcyclohexane	7.385	83	86408	49.093	ug/l	95
40) Benzene	6.044	78	207971	49.719	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	44572	50.419	ug/l	97
42) 1,2-Dichloroethane	6.092	62	76083	51.617	ug/l	98
43) Isopropyl Acetate	6.342	43	124599	49.649	ug/l	99
44) Trichloroethene	7.129	130	60735	48.358	ug/l	98
45) 1,2-Dichloropropane	7.434	63	52217	49.339	ug/l	95
46) Dibromomethane	7.586	93	36875	50.355	ug/l	97
47) Bromodichloromethane	7.824	83	74114	52.848	ug/l	99
48) Methyl methacrylate	7.696	41	61491	49.451	ug/l	98
49) 1,4-Dioxane	7.690	88	19722	920.397	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	387561	254.842	ug/l	99
52) Toluene	8.720	92	132686	50.102	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	72133	47.581	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	80482	51.972	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	52909	52.772	ug/l	99
56) Ethyl methacrylate	9.116	69	81401	51.220	ug/l	97
57) 1,3-Dichloropropane	9.311	76	90266	52.430	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	197477	242.090	ug/l	99
59) 2-Hexanone	9.433	43	278118	250.025	ug/l	98
60) Dibromochloromethane	9.525	129	55835	54.125	ug/l	99
61) 1,2-Dibromoethane	9.610	107	55597	52.485	ug/l	99
64) Tetrachloroethene	9.275	164	64558	47.299	ug/l	96
65) Chlorobenzene	10.079	112	138504	49.281	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	51916	50.215	ug/l	100
67) Ethyl Benzene	10.195	91	250583	50.376	ug/l	100
68) m/p-Xylenes	10.305	106	189765	99.155	ug/l	98
69) o-Xylene	10.640	106	92854	49.514	ug/l	96
70) Styrene	10.659	104	152308	50.077	ug/l	98
71) Bromoform	10.799	173	35665	44.745	ug/l #	98
73) Isopropylbenzene	10.963	105	240553	49.732	ug/l	99
74) N-amyl acetate	10.841	43	92441	47.831	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	62711	47.775	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	65639m	48.830	ug/l	
77) Bromobenzene	11.201	156	55040	47.871	ug/l	98
78) n-propylbenzene	11.305	91	273362	50.979	ug/l	100
79) 2-Chlorotoluene	11.366	91	162641	49.089	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	198226	49.794	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18214	42.883	ug/l	96
82) 4-Chlorotoluene	11.457	91	184217	49.562	ug/l	98
83) tert-Butylbenzene	11.719	119	183935	48.477	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	196942	49.046	ug/l	98
85) sec-Butylbenzene	11.890	105	240490	50.003	ug/l	100
86) p-Isopropyltoluene	12.012	119	201771	49.521	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	101805	48.322	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	101511	47.777	ug/l	99
89) n-Butylbenzene	12.335	91	165900	49.765	ug/l	99
90) Hexachloroethane	12.542	117	31749	53.913	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	98148	48.281	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15650	48.482	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	62066	48.378	ug/l	99
94) Hexachlorobutadiene	13.725	225	24855	45.802	ug/l	99
95) Naphthalene	13.780	128	216308	48.134	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	61521	47.358	ug/l	98

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

