

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026936.D
 Acq On : 10 Feb 2022 21:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 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 04:04:24 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	97189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	159520	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56612	48.525	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.060%		
35) Dibromofluoromethane	5.391	113	45091	47.445	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.880%		
50) Toluene-d8	8.653	98	165959	47.572	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.140%		
62) 4-Bromofluorobenzene	11.079	95	56252	45.800	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	51487	48.720	ug/l	100
3) Chloromethane	1.294	50	47560	48.377	ug/l	99
4) Vinyl Chloride	1.380	62	50719	49.283	ug/l	99
5) Bromomethane	1.617	94	19160	43.874	ug/l	96
6) Chloroethane	1.691	64	29347	52.681	ug/l	99
7) Trichlorofluoromethane	1.892	101	75717	49.996	ug/l	99
8) Diethyl Ether	2.136	74	27610	49.215	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	49119	49.480	ug/l	99
10) Methyl Iodide	2.459	142	62184	45.381	ug/l	96
11) Tert butyl alcohol	2.977	59	40520	192.256	ug/l	96
12) 1,1-Dichloroethene	2.325	96	47525	47.781	ug/l	91
13) Acrolein	2.239	56	51677	265.323	ug/l	100
14) Allyl chloride	2.672	41	87172	49.477	ug/l	97
15) Acrylonitrile	3.068	53	142113	235.302	ug/l	100
16) Acetone	2.386	43	114334	223.133	ug/l	96
17) Carbon Disulfide	2.520	76	127246	45.191	ug/l	100
18) Methyl Acetate	2.709	43	67571	45.833	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	166997	47.434	ug/l	99
20) Methylene Chloride	2.794	84	52670	47.439	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	51609	49.308	ug/l	98
22) Diisopropyl ether	3.763	45	174962	49.325	ug/l	99
23) Vinyl Acetate	3.727	43	744452	249.621	ug/l	99
24) 1,1-Dichloroethane	3.617	63	95012	49.501	ug/l	100
25) 2-Butanone	4.562	43	191608	232.093	ug/l	99
26) 2,2-Dichloropropane	4.489	77	63681	49.104	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	59743	49.714	ug/l	96
28) Bromochloromethane	4.904	49	38982	48.994	ug/l	99
29) Tetrahydrofuran	5.007	42	130498	232.514	ug/l	99
30) Chloroform	5.099	83	97721	49.002	ug/l	99
31) Cyclohexane	5.477	56	89490	48.275	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	85443	48.596	ug/l	99
36) 1,1-Dichloropropene	5.702	75	73797	49.221	ug/l	99
37) Ethyl Acetate	4.721	43	78923	46.319	ug/l	99
38) Carbon Tetrachloride	5.684	117	74804	47.578	ug/l	99
39) Methylcyclohexane	7.385	83	89505	48.679	ug/l	97
40) Benzene	6.044	78	212416	48.612	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	46145	49.968	ug/l	98
42) 1,2-Dichloroethane	6.092	62	77611	50.404	ug/l	98
43) Isopropyl Acetate	6.342	43	127230	48.531	ug/l	99
44) Trichloroethene	7.129	130	61745	47.061	ug/l	100
45) 1,2-Dichloropropane	7.434	63	54134	48.965	ug/l	98
46) Dibromomethane	7.586	93	37075	48.464	ug/l	97
47) Bromodichloromethane	7.824	83	73867	50.421	ug/l	100
48) Methyl methacrylate	7.696	41	62201	47.884	ug/l	98
49) 1,4-Dioxane	7.677	88	18638	832.637	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	379777	239.052	ug/l	98
52) Toluene	8.720	92	130663	47.230	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	72420	45.781	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	82138	50.775	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	52035	49.683	ug/l	99
56) Ethyl methacrylate	9.116	69	81678	49.198	ug/l	97
57) 1,3-Dichloropropane	9.311	76	89239	49.619	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	198760	233.250	ug/l	99
59) 2-Hexanone	9.433	43	276129	237.629	ug/l	99
60) Dibromochloromethane	9.525	129	54159	50.256	ug/l	100
61) 1,2-Dibromoethane	9.610	107	54177	48.959	ug/l	100
64) Tetrachloroethene	9.275	164	63036	46.444	ug/l	97
65) Chlorobenzene	10.079	112	133798	47.875	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	50689	49.305	ug/l	98
67) Ethyl Benzene	10.195	91	243615	49.251	ug/l	100
68) m/p-Xylenes	10.305	106	184936	97.177	ug/l	99
69) o-Xylene	10.646	106	90205	48.373	ug/l	97
70) Styrene	10.659	104	150383	49.723	ug/l	98
71) Bromoform	10.799	173	35043	44.235	ug/l #	99
73) Isopropylbenzene	10.963	105	236591	49.478	ug/l	100
74) N-amyl acetate	10.848	43	93958	49.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	62096	47.853	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	63973m	48.140	ug/l	
77) Bromobenzene	11.201	156	54904	48.304	ug/l	97
78) n-propylbenzene	11.305	91	269348	50.810	ug/l	100
79) 2-Chlorotoluene	11.366	91	157935	48.219	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	194042	49.305	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18486	43.936	ug/l	94
82) 4-Chlorotoluene	11.457	91	181025	49.266	ug/l	98
83) tert-Butylbenzene	11.719	119	180647	48.161	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	193905	48.848	ug/l	98
85) sec-Butylbenzene	11.890	105	235212	49.470	ug/l	99
86) p-Isopropyltoluene	12.012	119	197566	49.048	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	99973	48.000	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	100661	47.924	ug/l	99
89) n-Butylbenzene	12.335	91	167948	50.961	ug/l	100
90) Hexachloroethane	12.542	117	29922	51.397	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	97377	48.455	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15421	48.325	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	63006	49.678	ug/l	99
94) Hexachlorobutadiene	13.725	225	25237	47.043	ug/l	99
95) Naphthalene	13.780	128	222538	50.092	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	62779	48.884	ug/l	99

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

