

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029900.D
 Acq On : 30 Jun 2022 07:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/01/2022
 Supervised By : Mahesh Dadoda 07/01/2022

Quant Time: Jun 30 08:54:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	188435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	356406	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	309595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	128959	54.065	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.120%			
35) Dibromofluoromethane	5.391	113	114935	51.602	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.200%			
50) Toluene-d8	8.653	98	406082	48.598	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.200%			
62) 4-Bromofluorobenzene	11.085	95	144923	49.065	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	95767	52.116	ug/l	99
3) Chloromethane	1.288	50	112794	53.274	ug/l	99
4) Vinyl Chloride	1.374	62	115800	54.992	ug/l	98
5) Bromomethane	1.612	94	34308	29.570	ug/l	96
6) Chloroethane	1.685	64	64658	56.055	ug/l	94
7) Trichlorofluoromethane	1.886	101	138114	51.095	ug/l	95
8) Diethyl Ether	2.136	74	70477	58.166	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	87802	46.461	ug/l	99
10) Methyl Iodide	2.453	142	56340	22.816	ug/l	99
11) Tert butyl alcohol	2.995	59	180132	288.762	ug/l	96
12) 1,1-Dichloroethene	2.319	96	99459	51.251	ug/l	98
13) Acrolein	2.239	56	69943	239.152	ug/l	99
14) Allyl chloride	2.666	41	185948	51.920	ug/l	98
15) Acrylonitrile	3.069	53	408670	280.621	ug/l	99
16) Acetone	2.392	43	327872	280.966	ug/l	99
17) Carbon Disulfide	2.514	76	238003	49.323	ug/l	98
18) Methyl Acetate	2.709	43	195759	54.413	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	372867	56.910	ug/l	98
20) Methylene Chloride	2.788	84	128744	52.239	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	109508	51.449	ug/l	95
22) Diisopropyl ether	3.764	45	409098	56.526	ug/l	99
23) Vinyl Acetate	3.727	43	1789250	285.846	ug/l	99
24) 1,1-Dichloroethane	3.611	63	211664	55.456	ug/l	99
25) 2-Butanone	4.568	43	558549	275.769	ug/l	97
26) 2,2-Dichloropropane	4.477	77	82808	33.056	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	138649	55.171	ug/l	95
28) Bromochloromethane	4.904	49	87038	56.896	ug/l	100
29) Tetrahydrofuran	5.013	42	373627	280.310	ug/l	100
30) Chloroform	5.099	83	210381	56.210	ug/l	99
31) Cyclohexane	5.477	56	154892	46.574	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	157604	52.881	ug/l	99
36) 1,1-Dichloropropene	5.696	75	135754	45.826	ug/l	99
37) Ethyl Acetate	4.715	43	210315	51.909	ug/l	99
38) Carbon Tetrachloride	5.684	117	122482	47.715	ug/l	98
39) Methylcyclohexane	7.385	83	150106	41.908	ug/l	98
40) Benzene	6.044	78	487735	50.917	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	115148	53.462	ug/l	99
42) 1,2-Dichloroethane	6.092	62	158104	53.779	ug/l	99
43) Isopropyl Acetate	6.348	43	327099	53.613	ug/l	100
44) Trichloroethene	7.129	130	119031	46.141	ug/l	98
45) 1,2-Dichloropropane	7.434	63	130284	51.485	ug/l	96
46) Dibromomethane	7.586	93	89999	54.368	ug/l	97
47) Bromodichloromethane	7.824	83	159729	53.832	ug/l	96
48) Methyl methacrylate	7.696	41	155444	53.736	ug/l	99
49) 1,4-Dioxane	7.696	88	72144	1053.213	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1069273	265.781	ug/l	100
52) Toluene	8.720	92	285702	49.427	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	158507	50.130	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	175872	49.221	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	129767	51.529	ug/l	95
56) Ethyl methacrylate	9.116	69	213788	53.844	ug/l	99
57) 1,3-Dichloropropane	9.311	76	214001	52.820	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	466045	245.984	ug/l	100
59) 2-Hexanone	9.433	43	838345	268.515	ug/l	100
60) Dibromochloromethane	9.525	129	119988	53.926	ug/l	99
61) 1,2-Dibromoethane	9.610	107	134420	52.233	ug/l	99
64) Tetrachloroethene	9.275	164	91387	48.938	ug/l	96
65) Chlorobenzene	10.079	112	303248	48.795	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	108195	52.105	ug/l	99
67) Ethyl Benzene	10.195	91	516528	47.784	ug/l	99
68) m/p-Xylenes	10.305	106	399879	96.454	ug/l	100
69) o-Xylene	10.646	106	202994	48.341	ug/l	99
70) Styrene	10.659	104	347268	50.029	ug/l	100
71) Bromoform	10.799	173	83895	56.641	ug/l #	99
73) Isopropylbenzene	10.963	105	491175	46.756	ug/l	100
74) N-amyl acetate	10.842	43	287918	55.356	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	217056	52.484	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	185210m	53.292	ug/l	
77) Bromobenzene	11.201	156	124922	49.440	ug/l	98
78) n-propylbenzene	11.305	91	568338	45.872	ug/l	100
79) 2-Chlorotoluene	11.366	91	349007	47.380	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	406329	46.593	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	50244	45.912	ug/l	99
82) 4-Chlorotoluene	11.457	91	392229	46.738	ug/l	99
83) tert-Butylbenzene	11.719	119	398353	46.090	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	418123	47.862	ug/l	100
85) sec-Butylbenzene	11.890	105	485116	44.542	ug/l	99
86) p-Isopropyltoluene	12.012	119	397411	45.717	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	229427	47.292	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	236781	47.834	ug/l	99
89) n-Butylbenzene	12.335	91	359721	44.023	ug/l	99
90) Hexachloroethane	12.542	117	64386	45.406	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	245191	51.447	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	49602	57.396	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	135624	46.959	ug/l	100
94) Hexachlorobutadiene	13.725	225	42083	39.389	ug/l	100
95) Naphthalene	13.774	128	630282	53.751	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	141807	47.960	ug/l	99

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

