

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029874.D
 Acq On : 29 Jun 2022 20:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 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 29 23:02:06 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	222229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	399275	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	352743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138846	49.358	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.720%		
35) Dibromofluoromethane	5.391	113	123999	49.694	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.380%		
50) Toluene-d8	8.653	98	468020	49.997	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.000%		
62) 4-Bromofluorobenzene	11.079	95	186253	56.288	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.580%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	118103	54.497	ug/l	99
3) Chloromethane	1.288	50	129080	51.695	ug/l	100
4) Vinyl Chloride	1.374	62	132652	53.415	ug/l	100
5) Bromomethane	1.612	94	65316	47.735	ug/l	99
6) Chloroethane	1.685	64	70561	50.075	ug/l	96
7) Trichlorofluoromethane	1.886	101	164487	51.598	ug/l	98
8) Diethyl Ether	2.136	74	74084	51.845	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	112464	50.461	ug/l	98
10) Methyl Iodide	2.453	142	147554	48.382	ug/l	99
11) Tert butyl alcohol	2.995	59	129657	176.241	ug/l	100
12) 1,1-Dichloroethene	2.319	96	115681	50.546	ug/l	95
13) Acrolein	2.240	56	65468	188.699	ug/l	100
14) Allyl chloride	2.666	41	204874	48.505	ug/l	100
15) Acrylonitrile	3.069	53	344642	200.667	ug/l	99
16) Acetone	2.392	43	261150	189.758	ug/l	100
17) Carbon Disulfide	2.514	76	267161	46.946	ug/l	98
18) Methyl Acetate	2.709	43	168735	39.769	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	395997	51.249	ug/l	96
20) Methylene Chloride	2.794	84	140301	48.272	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	124614	49.643	ug/l	97
22) Diisopropyl ether	3.764	45	438193	51.339	ug/l	95
23) Vinyl Acetate	3.727	43	1806048	244.653	ug/l	100
24) 1,1-Dichloroethane	3.611	63	228244	50.706	ug/l	99
25) 2-Butanone	4.568	43	458565	191.976	ug/l	99
26) 2,2-Dichloropropane	4.477	77	140441	47.536	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	149868	50.566	ug/l	97
28) Bromochloromethane	4.904	49	93656	51.912	ug/l	98
29) Tetrahydrofuran	5.013	42	310307	197.403	ug/l	100
30) Chloroform	5.099	83	227305	51.497	ug/l	97
31) Cyclohexane	5.471	56	196476	50.093	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	176143	50.114	ug/l	100
36) 1,1-Dichloropropene	5.696	75	163293	49.204	ug/l	100
37) Ethyl Acetate	4.727	43	183910	40.518	ug/l	100
38) Carbon Tetrachloride	5.678	117	143741	49.985	ug/l	96
39) Methylcyclohexane	7.385	83	199096	49.617	ug/l	99
40) Benzene	6.044	78	535531	49.904	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	100963	41.843	ug/l	99
42) 1,2-Dichloroethane	6.092	62	163661	49.692	ug/l	100
43) Isopropyl Acetate	6.349	43	310535	45.433	ug/l	100
44) Trichloroethene	7.129	130	131827	45.615	ug/l	94
45) 1,2-Dichloropropane	7.434	63	141760	50.006	ug/l	97
46) Dibromomethane	7.586	93	91869	49.539	ug/l	99
47) Bromodichloromethane	7.824	83	167319	50.336	ug/l	93
48) Methyl methacrylate	7.696	41	152061	46.922	ug/l	99
49) 1,4-Dioxane	7.690	88	56301	733.677	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	950208	210.828	ug/l	99
52) Toluene	8.720	92	323110	49.897	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	181749	51.309	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	207020	51.718	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	138555	49.112	ug/l	98
56) Ethyl methacrylate	9.116	69	216457	48.663	ug/l	100
57) 1,3-Dichloropropane	9.311	76	224298	49.418	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	481057	226.646	ug/l	100
59) 2-Hexanone	9.433	43	714012	204.138	ug/l	100
60) Dibromochloromethane	9.525	129	125703	50.429	ug/l	99
61) 1,2-Dibromoethane	9.610	107	139758	48.476	ug/l	97
64) Tetrachloroethene	9.275	164	108388	50.943	ug/l	97
65) Chlorobenzene	10.080	112	348186	49.173	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	118540	50.104	ug/l	99
67) Ethyl Benzene	10.195	91	612503	49.732	ug/l	100
68) m/p-Xylenes	10.305	106	475429	100.650	ug/l	100
69) o-Xylene	10.647	106	238711	49.893	ug/l	100
70) Styrene	10.659	104	401022	50.706	ug/l	100
71) Bromoform	10.799	173	82658	48.980	ug/l #	98
73) Isopropylbenzene	10.964	105	592518	48.484	ug/l	100
74) N-amyl acetate	10.842	43	285743	47.225	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	213380	44.351	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	177440m	43.888	ug/l	
77) Bromobenzene	11.201	156	143269	48.741	ug/l	97
78) n-propylbenzene	11.305	91	717063	49.750	ug/l	100
79) 2-Chlorotoluene	11.366	91	422576	49.313	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	496220	48.911	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	59911	47.060	ug/l	99
82) 4-Chlorotoluene	11.457	91	477032	48.863	ug/l	99
83) tert-Butylbenzene	11.720	119	482459	47.984	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	511911	50.370	ug/l	99
85) sec-Butylbenzene	11.890	105	644410	50.861	ug/l	99
86) p-Isopropyltoluene	12.012	119	499913	49.435	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	278411	49.332	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	280776	48.758	ug/l	98
89) n-Butylbenzene	12.335	91	492861	51.849	ug/l	99
90) Hexachloroethane	12.543	117	84565	51.263	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	283204	51.080	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	44303	44.067	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	163932	48.791	ug/l	99
94) Hexachlorobutadiene	13.725	225	55780	44.879	ug/l	98
95) Naphthalene	13.774	128	629474	46.146	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	162804	47.331	ug/l	98

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

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