

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022937.D
 Acq On : 25 Jun 2021 20:45
 Operator : JC/MD
 Sample : M2838-10MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-20210622MSD

Manual Integrations
 APPROVED

MMDadoda
 6/28/2021 12:01:23 PM

Quant Time: Jun 26 03:56:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	61309	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	126297	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	115695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56602	50.872	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.740%
35) Dibromofluoromethane	5.391	113	40356	50.318	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.640%
50) Toluene-d8	8.653	98	150347	47.832	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.660%
62) 4-Bromofluorobenzene	11.085	95	56781	48.403	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	45344	52.420	ug/l	98
3) Chloromethane	1.294	50	46142	48.578	ug/l	97
4) Vinyl Chloride	1.374	62	45461	51.867	ug/l	99
5) Bromomethane	1.599	94	27544	57.044	ug/l	99
6) Chloroethane	1.684	64	27588	50.930	ug/l	100
7) Trichlorofluoromethane	1.886	101	68275	53.622	ug/l	93
8) Diethyl Ether	2.142	74	26204	53.319	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	40832	51.219	ug/l	91
10) Methyl Iodide	2.459	142	36948	39.433	ug/l	93
11) Tert butyl alcohol	2.977	59	59740	257.625	ug/l	98
12) 1,1-Dichloroethene	2.318	96	40636	51.090	ug/l	92
13) Acrolein	2.245	56	32533	225.575	ug/l	98
14) Allyl chloride	2.666	41	78547	51.980	ug/l	93
15) Acrylonitrile	3.074	53	147764	278.751	ug/l	99
16) Acetone	2.392	43	128930	261.384	ug/l	96
17) Carbon Disulfide	2.514	76	101076	46.876	ug/l	97
18) Methyl Acetate	2.715	43	59556	49.061	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	153785	53.916	ug/l	97
20) Methylene Chloride	2.794	84	48496	49.575	ug/l	# 85
21) trans-1,2-Dichloroethene	3.099	96	44883	50.867	ug/l	91
22) Diisopropyl ether	3.769	45	172021	54.728	ug/l	# 93
23) Vinyl Acetate	3.733	43	665044	252.219	ug/l	95
24) 1,1-Dichloroethane	3.617	63	90286	53.766	ug/l	96
25) 2-Butanone	4.568	43	215287	280.670	ug/l	93
26) 2,2-Dichloropropane	4.489	77	53516	41.996	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	52234	53.338	ug/l	94
28) Bromochloromethane	4.909	49	41392	52.321	ug/l	# 74
29) Tetrahydrofuran	5.019	42	140391	284.549	ug/l	87
30) Chloroform	5.105	83	89799	53.164	ug/l	99
31) Cyclohexane	5.476	56	81436	51.843	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	74421	54.839	ug/l	95
36) 1,1-Dichloropropene	5.702	75	64925	48.398	ug/l	97
37) Ethyl Acetate	4.727	43	74298	47.813	ug/l	# 94
38) Carbon Tetrachloride	5.690	117	59906	53.242	ug/l	100
39) Methylcyclohexane	7.391	83	75319	48.132	ug/l	96
40) Benzene	6.050	78	198269	51.256	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	44825	52.362	ug/l	90
42) 1,2-Dichloroethane	6.098	62	75190	52.831	ug/l	95
43) Isopropyl Acetate	6.354	43	124140	49.690	ug/l #	92
44) Trichloroethene	7.129	130	86478	94.270	ug/l	93
45) 1,2-Dichloropropane	7.439	63	51612	51.730	ug/l	99
46) Dibromomethane	7.586	93	34294	51.809	ug/l #	83
47) Bromodichloromethane	7.830	83	66248	49.298	ug/l	99
48) Methyl methacrylate	7.702	41	61958	53.586	ug/l	86
49) 1,4-Dioxane	7.665	88	27540	1106.483	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	425551	273.691	ug/l	89
52) Toluene	8.726	92	117425	50.217	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	70041	44.441	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	76388	45.266	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	47829	50.980	ug/l	98
56) Ethyl methacrylate	9.122	69	80319	46.553	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	87206	51.135	ug/l	99
59) 2-Hexanone	9.433	43	326037	276.399	ug/l	86
60) Dibromochloromethane	9.524	129	41798	45.814	ug/l	97
61) 1,2-Dibromoethane	9.616	107	48601	51.006	ug/l	99
64) Tetrachloroethene	9.281	164	41140	50.600	ug/l	90
65) Chlorobenzene	10.085	112	119801	49.170	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	41417	52.600	ug/l	99
67) Ethyl Benzene	10.195	91	226321	50.444	ug/l	96
68) m/p-Xylenes	10.305	106	164407	98.675	ug/l	93
69) o-Xylene	10.646	106	80841	49.853	ug/l	94
70) Styrene	10.658	104	138892	51.603	ug/l	96
71) Bromoform	10.805	173	24278	43.583	ug/l #	98
73) Isopropylbenzene	10.963	105	215474	50.203	ug/l	98
74) N-amyl acetate	10.847	43	102904	42.786	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	73195	49.652	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	68117m	50.839	ug/l	
77) Bromobenzene	11.201	156	43689	48.950	ug/l	80
78) n-propylbenzene	11.311	91	265144	51.055	ug/l	97
79) 2-Chlorotoluene	11.366	91	158245	50.468	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	178224	50.570	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	20930	43.211	ug/l	86
82) 4-Chlorotoluene	11.457	91	181564	50.105	ug/l	93
83) tert-Butylbenzene	11.719	119	163102	49.005	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	181717	51.229	ug/l	97
85) sec-Butylbenzene	11.896	105	226508	50.464	ug/l	97
86) p-Isopropyltoluene	12.012	119	179589	50.351	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	86045	49.970	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	86796	48.206	ug/l	95
89) n-Butylbenzene	12.335	91	172093	50.746	ug/l	96
90) Hexachloroethane	12.542	117	29168	44.644	ug/l	71
91) 1,2-Dichlorobenzene	12.335	146	83123	49.460	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15918	46.060	ug/l	72
93) 1,2,4-Trichlorobenzene	13.591	180	46733	50.137	ug/l	96
94) Hexachlorobutadiene	13.731	225	17071	46.739	ug/l	96
95) Naphthalene	13.780	128	199282	48.265	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	48229	51.369	ug/l	97

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

