

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022936.D
 Acq On : 25 Jun 2021 20:21
 Operator : JC/MD
 Sample : M2838-09MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-20210622MS

Manual Integrations
 APPROVED

MMDadoda
 6/28/2021 12:01:21 PM

Quant Time: Jun 26 03:56:04 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	62144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	126327	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57115	50.644	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.280%
35) Dibromofluoromethane	5.397	113	40589	50.597	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.200%
50) Toluene-d8	8.653	98	157507	50.098	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.200%
62) 4-Bromofluorobenzene	11.085	95	58569	49.915	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.840%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	44012	50.197	ug/l	98
3) Chloromethane	1.295	50	45368	47.121	ug/l	98
4) Vinyl Chloride	1.374	62	44484	50.071	ug/l	100
5) Bromomethane	1.599	94	28148	57.511	ug/l	90
6) Chloroethane	1.685	64	26962	49.105	ug/l	98
7) Trichlorofluoromethane	1.886	101	66119	51.231	ug/l	100
8) Diethyl Ether	2.142	74	25238	50.663	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	41566	51.439	ug/l	88
10) Methyl Iodide	2.459	142	32474	34.708	ug/l	95
11) Tert butyl alcohol	2.977	59	57955	246.569	ug/l	99
12) 1,1-Dichloroethene	2.319	96	40132	49.779	ug/l	88
13) Acrolein	2.246	56	31545	215.786	ug/l	98
14) Allyl chloride	2.666	41	75025	48.982	ug/l	93
15) Acrylonitrile	3.075	53	148167	275.755	ug/l	100
16) Acetone	2.392	43	124999	250.009	ug/l	94
17) Carbon Disulfide	2.514	76	98728	45.299	ug/l	100
18) Methyl Acetate	2.709	43	58872	47.846	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	149926	51.857	ug/l	98
20) Methylene Chloride	2.794	84	48145	48.563	ug/l #	84
21) trans-1,2-Dichloroethene	3.093	96	44794	50.084	ug/l	98
22) Diisopropyl ether	3.770	45	165955	52.089	ug/l #	95
23) Vinyl Acetate	3.733	43	651864	243.899	ug/l #	93
24) 1,1-Dichloroethane	3.617	63	86378	50.748	ug/l	99
25) 2-Butanone	4.568	43	211223	271.671	ug/l	91
26) 2,2-Dichloropropane	4.483	77	51749	40.064	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	51862	52.247	ug/l	96
28) Bromochloromethane	4.904	49	40248	50.191	ug/l #	76
29) Tetrahydrofuran	5.019	42	136680	273.305	ug/l	87
30) Chloroform	5.105	83	88290	51.568	ug/l	96
31) Cyclohexane	5.483	56	78982	49.605	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	72347	52.594	ug/l	96
36) 1,1-Dichloropropene	5.702	75	65208	48.597	ug/l	97
37) Ethyl Acetate	4.727	43	74066	47.653	ug/l #	93
38) Carbon Tetrachloride	5.684	117	59788	53.125	ug/l	92
39) Methylcyclohexane	7.391	83	76007	48.560	ug/l	98
40) Benzene	6.044	78	193960	50.130	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	44528	52.003	ug/l	91
42) 1,2-Dichloroethane	6.092	62	73833	51.866	ug/l	95
43) Isopropyl Acetate	6.355	43	121426	48.592	ug/l #	91
44) Trichloroethene	7.135	130	86315	94.070	ug/l	95
45) 1,2-Dichloropropane	7.440	63	51620	51.725	ug/l	99
46) Dibromomethane	7.586	93	33360	50.386	ug/l #	85
47) Bromodichloromethane	7.830	83	64570	48.113	ug/l	98
48) Methyl methacrylate	7.702	41	61963	53.577	ug/l	85
49) 1,4-Dioxane	7.665	88	25456	1022.510	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	422727	271.810	ug/l	89
52) Toluene	8.726	92	120066	51.334	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	66832	42.564	ug/l	97
54) cis-1,3-Dichloropropene	8.373	75	73827	43.825	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	48435	51.614	ug/l	97
56) Ethyl methacrylate	9.122	69	80807	46.810	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	86044	50.441	ug/l	98
59) 2-Hexanone	9.433	43	325623	275.982	ug/l	87
60) Dibromochloromethane	9.525	129	43071	47.088	ug/l	99
61) 1,2-Dibromoethane	9.616	107	48534	50.924	ug/l	99
64) Tetrachloroethene	9.281	164	44675	54.148	ug/l	92
65) Chlorobenzene	10.080	112	120942	48.915	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	42054	52.631	ug/l	97
67) Ethyl Benzene	10.195	91	227965	50.071	ug/l	97
68) m/p-Xylenes	10.305	106	166458	98.452	ug/l	94
69) o-Xylene	10.647	106	80542	48.945	ug/l	92
70) Styrene	10.659	104	137752	50.434	ug/l	96
71) Bromoform	10.805	173	25449	44.867	ug/l #	98
73) Isopropylbenzene	10.964	105	214127	49.903	ug/l	98
74) N-amyl acetate	10.848	43	101164	42.108	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	73476	49.856	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	69285m	51.726	ug/l	
77) Bromobenzene	11.201	156	43892	49.191	ug/l	80
78) n-propylbenzene	11.305	91	263796	50.810	ug/l	96
79) 2-Chlorotoluene	11.366	91	154251	49.208	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	179353	50.904	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.025	75	20936	43.232	ug/l #	84
82) 4-Chlorotoluene	11.457	91	178587	49.297	ug/l	94
83) tert-Butylbenzene	11.719	119	162194	48.746	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	181755	51.254	ug/l	97
85) sec-Butylbenzene	11.896	105	225792	50.318	ug/l	97
86) p-Isopropyltoluene	12.012	119	179590	50.365	ug/l	95
87) 1,3-Dichlorobenzene	11.976	146	85186	49.485	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	84043	46.690	ug/l	95
89) n-Butylbenzene	12.335	91	175295	51.704	ug/l	97
90) Hexachloroethane	12.543	117	29356	44.919	ug/l	68
91) 1,2-Dichlorobenzene	12.341	146	84130	50.073	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15915	46.064	ug/l	72
93) 1,2,4-Trichlorobenzene	13.591	180	47863	51.364	ug/l	98
94) Hexachlorobutadiene	13.731	225	17156	46.985	ug/l	97
95) Naphthalene	13.780	128	200580	48.579	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	48744	51.932	ug/l	98

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

