

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062921\
 Data File : VX023019.D
 Acq On : 29 Jun 2021 21:25
 Operator : JC/MD
 Sample : M2875-14MSD 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6MSD

Manual Integrations
 APPROVED

MMDadoda
 7/2/2021 6:21:47 PM

Quant Time: Jun 30 01:47:09 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	64947	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	133337	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	121611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	65641	55.692	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.380%
35) Dibromofluoromethane	5.397	113	43559	51.444	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.880%
50) Toluene-d8	8.653	98	169644	51.121	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.240%
62) 4-Bromofluorobenzene	11.085	95	66409	53.621	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.240%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	46336	50.567	ug/l	98
3) Chloromethane	1.294	50	52306	51.983	ug/l	100
4) Vinyl Chloride	1.374	62	48989	52.762	ug/l	100
5) Bromomethane	1.599	94	21823	42.664	ug/l	100
6) Chloroethane	1.678	64	30964	53.960	ug/l	97
7) Trichlorofluoromethane	1.886	101	76157	56.462	ug/l	96
8) Diethyl Ether	2.142	74	29205	56.097	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	44212	52.352	ug/l	88
10) Methyl Iodide	2.453	142	49641	48.971	ug/l	93
11) Tert butyl alcohol	2.983	59	74500	303.280	ug/l	99
12) 1,1-Dichloroethene	2.318	96	44980	53.384	ug/l	84
13) Acrolein	2.239	56	39211	256.649	ug/l	95
14) Allyl chloride	2.666	41	90014	56.232	ug/l	91
15) Acrylonitrile	3.074	53	160961	286.638	ug/l	99
16) Acetone	2.386	43	143769	275.141	ug/l	90
17) Carbon Disulfide	2.514	76	108333	47.385	ug/l	98
18) Methyl Acetate	2.709	43	74750	58.129	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	191488	63.374	ug/l #	90
20) Methylene Chloride	2.794	84	54815	52.871	ug/l #	84
21) trans-1,2-Dichloroethene	3.093	96	48985	52.406	ug/l	94
22) Diisopropyl ether	3.769	45	188549	56.626	ug/l	91
23) Vinyl Acetate	3.733	43	835892	299.256	ug/l #	93
24) 1,1-Dichloroethane	3.617	63	101358	56.978	ug/l	97
25) 2-Butanone	4.568	43	230393	283.538	ug/l	91
26) 2,2-Dichloropropane	4.489	77	59479	44.061	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	56473	54.437	ug/l	93
28) Bromochloromethane	4.910	49	44963	53.651	ug/l #	75
29) Tetrahydrofuran	5.013	42	146565	280.423	ug/l	87
30) Chloroform	5.105	83	99274	55.481	ug/l	98
31) Cyclohexane	5.476	56	95882	57.620	ug/l	90
32) 1,1,1-Trichloroethane	5.391	97	84220	58.583	ug/l	95
36) 1,1-Dichloropropene	5.696	75	72654	51.300	ug/l	96
37) Ethyl Acetate	4.727	43	89350	54.464	ug/l #	93
38) Carbon Tetrachloride	5.684	117	66643	56.103	ug/l	98
39) Methylcyclohexane	7.385	83	91146	55.171	ug/l	90
40) Benzene	6.043	78	541577	132.614	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	51683	57.185	ug/l #	88
42) 1,2-Dichloroethane	6.098	62	90054	59.935	ug/l	93
43) Isopropyl Acetate	6.348	43	202446	76.755	ug/l #	80
44) Trichloroethene	7.129	130	48548	50.128	ug/l	89
45) 1,2-Dichloropropane	7.440	63	56009	53.173	ug/l	98
46) Dibromomethane	7.586	93	37750	54.019	ug/l #	82
47) Bromodichloromethane	7.830	83	76416	53.591	ug/l #	99
48) Methyl methacrylate	7.702	41	72827	59.660	ug/l	84
49) 1,4-Dioxane	7.665	88	26465	1007.152	ug/l #	92
51) 4-Methyl-2-Pentanone	8.580	43	473722	288.586	ug/l	89
52) Toluene	8.726	92	243796	98.754	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	84153	50.070	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	88382	49.360	ug/l #	82
55) 1,1,2-Trichloroethane	9.159	97	54953	55.481	ug/l	96
56) Ethyl methacrylate	9.122	69	98817	53.824	ug/l #	76
57) 1,3-Dichloropropane	9.311	76	99506	55.266	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	79207	90.549	ug/l	93
59) 2-Hexanone	9.433	43	370588	297.579	ug/l	86
60) Dibromochloromethane	9.525	129	49009	50.478	ug/l	97
61) 1,2-Dibromoethane	9.616	107	54777	54.453	ug/l	97
64) Tetrachloroethene	9.275	164	41839	48.956	ug/l #	85
65) Chlorobenzene	10.085	112	130275	50.867	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	45590	55.083	ug/l	97
67) Ethyl Benzene	10.195	91	633073	134.240	ug/l	97
68) m/p-Xylenes	10.305	106	700132	399.770	ug/l	91
69) o-Xylene	10.646	106	254510	149.315	ug/l	91
70) Styrene	10.658	104	162707	57.510	ug/l #	75
71) Bromoform	10.805	173	27288	46.283	ug/l #	99
73) Isopropylbenzene	10.963	105	260733	57.465	ug/l	98
74) N-amyl acetate	10.847	43	135079	52.632	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	82503	52.941	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	77217m	54.517	ug/l	
77) Bromobenzene	11.201	156	47754	50.613	ug/l	76
78) n-propylbenzene	11.305	91	329176	59.959	ug/l	96
79) 2-Chlorotoluene	11.366	91	218670	65.970	ug/l	85
80) 1,3,5-Trimethylbenzene	11.457	105	292293	78.454	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.024	75	22242	43.404	ug/l #	80
82) 4-Chlorotoluene	11.457	91	220146	57.469	ug/l	90
83) tert-Butylbenzene	11.719	119	190634	54.182	ug/l	85
84) 1,2,4-Trimethylbenzene	11.756	105	546022	145.613	ug/l	95
85) sec-Butylbenzene	11.896	105	257118	54.187	ug/l	96
86) p-Isopropyltoluene	12.012	119	210843	55.919	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	95184	52.290	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	96489	50.693	ug/l	95
89) n-Butylbenzene	12.335	91	209103	58.327	ug/l	97
90) Hexachloroethane	12.542	117	36242	51.823	ug/l	65
91) 1,2-Dichlorobenzene	12.335	146	93904	52.855	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19646	53.109	ug/l	67
93) 1,2,4-Trichlorobenzene	13.591	180	53395	54.189	ug/l	95
94) Hexachlorobutadiene	13.731	225	18288	47.365	ug/l	99
95) Naphthalene	13.780	128	296954	67.246	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	54215	54.624	ug/l	94

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

