

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062321\
 Data File : VX022849.D
 Acq On : 23 Jun 2021 18:55
 Operator : JC/MD
 Sample : VX0623WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0623WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/24/2021 5:00:09 PM

Quant Time: Jun 24 03:37:08 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	65240	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	129573	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58862	49.72	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	99.44%	
35) Dibromofluoromethane	5.397	113	41569	50.52	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	101.04%	
50) Toluene-d8	8.653	98	162753	50.47	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	100.94%	
62) 4-Bromofluorobenzene	11.085	95	58271	48.42	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	96.84%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	18276	19.86	ug/l	99
3) Chloromethane	1.295	50	18944	18.74	ug/l	99
4) Vinyl Chloride	1.374	62	17784	19.07	ug/l	97
5) Bromomethane	1.599	94	10490	20.42	ug/l	95
6) Chloroethane	1.685	64	10997	19.08	ug/l	95
7) Trichlorofluoromethane	1.886	101	25915	19.13	ug/l	91
8) Diethyl Ether	2.142	74	9536	18.23	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	15846	18.68	ug/l	91
10) Methyl Iodide	2.459	142	15771	18.14	ug/l	93
11) Tert butyl alcohol	2.971	59	23022	93.30	ug/l	100
12) 1,1-Dichloroethene	2.319	96	15411	18.21	ug/l	90
13) Acrolein	2.246	56	13402	87.33	ug/l	98
14) Allyl chloride	2.666	41	29138	18.12	ug/l	92
15) Acrylonitrile	3.075	53	56069	99.40	ug/l	99
16) Acetone	2.392	43	47704	90.88	ug/l	91
17) Carbon Disulfide	2.514	76	35711	17.91	ug/l	95
18) Methyl Acetate	2.709	43	24911	19.28	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	57951	19.09	ug/l	98
20) Methylene Chloride	2.794	84	19190	18.67	ug/l	# 86
21) trans-1,2-Dichloroethene	3.099	96	17118	18.23	ug/l	95
22) Diisopropyl ether	3.770	45	64428	19.26	ug/l	94
23) Vinyl Acetate	3.733	43	272689	97.19	ug/l	95
24) 1,1-Dichloroethane	3.617	63	32375	18.12	ug/l	99
25) 2-Butanone	4.568	43	80147	98.19	ug/l	91
26) 2,2-Dichloropropane	4.483	77	25819	19.04	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	19941	19.14	ug/l	94
28) Bromochloromethane	4.910	49	15575	18.50	ug/l	# 78
29) Tetrahydrofuran	5.019	42	51854	98.77	ug/l	87
30) Chloroform	5.105	83	33462	18.62	ug/l	90
31) Cyclohexane	5.477	56	30781	18.41	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	27419	18.99	ug/l	96
36) 1,1-Dichloropropene	5.696	75	24428	17.75	ug/l	97
37) Ethyl Acetate	4.733	43	29334	18.40	ug/l	97
38) Carbon Tetrachloride	5.684	117	21576	18.69	ug/l	87
39) Methylcyclohexane	7.385	83	28971	18.05	ug/l	93
40) Benzene	6.044	78	75891	19.12	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	16106	18.34	ug/l	91
42) 1,2-Dichloroethane	6.092	62	27451	18.80	ug/l	97
43) Isopropyl Acetate	6.348	43	47919	18.70	ug/l	92
44) Trichloroethene	7.135	130	17117	18.19	ug/l	93
45) 1,2-Dichloropropane	7.440	63	19425	18.98	ug/l	96
46) Dibromomethane	7.586	93	12468	18.36	ug/l #	86
47) Bromodichloromethane	7.830	83	22448	18.25	ug/l	95
48) Methyl methacrylate	7.696	41	22388	18.87	ug/l	88
49) 1,4-Dioxane	7.665	88	10032	392.87	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	159415	99.93	ug/l	89
52) Toluene	8.726	92	45045	18.78	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	24078	17.33	ug/l	90
54) cis-1,3-Dichloropropene	8.373	75	28647	18.19	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	18370	19.09	ug/l	95
56) Ethyl methacrylate	9.122	69	29435	18.29	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	32939	18.83	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	80520	94.48	ug/l	94
59) 2-Hexanone	9.433	43	118329	97.78	ug/l	89
60) Dibromochloromethane	9.525	129	13877	17.29	ug/l	99
61) 1,2-Dibromoethane	9.616	107	18607	19.03	ug/l	99
64) Tetrachloroethene	9.275	164	15004	17.96	ug/l	92
65) Chlorobenzene	10.080	112	44664	17.84	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	15322	18.94	ug/l	98
67) Ethyl Benzene	10.195	91	86648	18.80	ug/l	99
68) m/p-Xylenes	10.305	106	64259	37.54	ug/l	95
69) o-Xylene	10.647	106	31938	19.17	ug/l	97
70) Styrene	10.659	104	51399	18.59	ug/l	97
71) Bromoform	10.805	173	8622	18.09	ug/l #	96
73) Isopropylbenzene	10.964	105	83256	19.39	ug/l	98
74) N-amyl acetate	10.848	43	40778	18.19	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	28345	19.22	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	25842m	19.28	ug/l	
77) Bromobenzene	11.201	156	17388	19.47	ug/l	86
78) n-propylbenzene	11.305	91	97347	18.74	ug/l	97
79) 2-Chlorotoluene	11.366	91	60046	19.14	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	68606	19.46	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	6848	18.51	ug/l #	77
82) 4-Chlorotoluene	11.457	91	66915	18.46	ug/l	96
83) tert-Butylbenzene	11.719	119	62921	18.90	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	68452	19.29	ug/l	98
85) sec-Butylbenzene	11.896	105	86235	19.20	ug/l	97
86) p-Isopropyltoluene	12.012	119	67400	18.89	ug/l	96
87) 1,3-Dichlorobenzene	11.976	146	33448	19.41	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	32298	17.93	ug/l	94
89) n-Butylbenzene	12.335	91	62867	18.53	ug/l	96
90) Hexachloroethane	12.543	117	9939	17.65	ug/l	69
91) 1,2-Dichlorobenzene	12.341	146	32711	19.45	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5518	18.55	ug/l	72
93) 1,2,4-Trichlorobenzene	13.591	180	16539	17.73	ug/l	94
94) Hexachlorobutadiene	13.725	225	6609	18.09	ug/l	97
95) Naphthalene	13.780	128	71313	18.50	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	18089	19.26	ug/l	97

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

