

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023025.D
 Acq On : 30 Jun 2021 11:47
 Operator : JC/MD
 Sample : VX0630WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/5/2021 1:55:41 PM

Quant Time: Jul 01 03:25:01 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	5.556	168	70171	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	137808	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59698	46.879	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.760%
35) Dibromofluoromethane	5.397	113	41777	47.739	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.480%
50) Toluene-d8	8.653	98	162548	47.394	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.780%
62) 4-Bromofluorobenzene	11.085	95	59865	46.769	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.540%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	17478	17.654	ug/l	93
3) Chloromethane	1.295	50	18599	17.108	ug/l	99
4) Vinyl Chloride	1.374	62	17424	17.369	ug/l	95
5) Bromomethane	1.599	94	9938	17.982	ug/l	92
6) Chloroethane	1.685	64	10978	17.707	ug/l	97
7) Trichlorofluoromethane	1.886	101	26623	18.269	ug/l	96
8) Diethyl Ether	2.142	74	9981	17.744	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	16742	18.349	ug/l	88
10) Methyl Iodide	2.453	142	15729	17.103	ug/l	91
11) Tert butyl alcohol	2.977	59	25833	97.334	ug/l	100
12) 1,1-Dichloroethene	2.319	96	15947	17.518	ug/l	86
13) Acrolein	2.240	56	13158	79.712	ug/l	100
14) Allyl chloride	2.666	41	31085	17.973	ug/l	# 91
15) Acrylonitrile	3.075	53	57518	94.802	ug/l	99
16) Acetone	2.386	43	49133	87.029	ug/l	94
17) Carbon Disulfide	2.514	76	34513	16.451	ug/l	99
18) Methyl Acetate	2.709	43	26181	18.844	ug/l	90
19) Methyl tert-butyl Ether	3.117	73	61098	18.715	ug/l	96
20) Methylene Chloride	2.794	84	20660	18.686	ug/l	# 85
21) trans-1,2-Dichloroethene	3.093	96	17727	17.553	ug/l	96
22) Diisopropyl ether	3.770	45	67810	18.849	ug/l	# 93
23) Vinyl Acetate	3.727	43	287892	95.395	ug/l	94
24) 1,1-Dichloroethane	3.617	63	35185	18.307	ug/l	98
25) 2-Butanone	4.568	43	81696	93.056	ug/l	91
26) 2,2-Dichloropropane	4.483	77	26640	18.265	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	20377	18.180	ug/l	90
28) Bromochloromethane	4.910	49	16942	18.711	ug/l	# 75
29) Tetrahydrofuran	5.013	42	52831	93.556	ug/l	86
30) Chloroform	5.105	83	34947	18.077	ug/l	99
31) Cyclohexane	5.471	56	32344	17.990	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	28527	18.366	ug/l	95
36) 1,1-Dichloropropene	5.696	75	25909	17.700	ug/l	97
37) Ethyl Acetate	4.727	43	30986	18.275	ug/l	# 93
38) Carbon Tetrachloride	5.690	117	21954	17.882	ug/l	88
39) Methylcyclohexane	7.385	83	31073	18.198	ug/l	97
40) Benzene	6.044	78	78351	18.563	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	17461	18.693	ug/l	91
42) 1,2-Dichloroethane	6.099	62	29388	18.924	ug/l	94
43) Isopropyl Acetate	6.349	43	50046	18.359	ug/l #	92
44) Trichloroethene	7.135	130	17959	17.942	ug/l	93
45) 1,2-Dichloropropane	7.434	63	21284	19.551	ug/l	89
46) Dibromomethane	7.586	93	13224	18.309	ug/l #	81
47) Bromodichloromethane	7.824	83	24345	18.549	ug/l #	94
48) Methyl methacrylate	7.696	41	24119	19.117	ug/l	85
49) 1,4-Dioxane	7.665	88	9900	364.531	ug/l #	92
51) 4-Methyl-2-Pentanone	8.580	43	160653	94.693	ug/l	90
52) Toluene	8.720	92	47384	18.571	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	26442	17.774	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	29362	17.623	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	19298	18.851	ug/l	99
56) Ethyl methacrylate	9.116	69	31607	18.438	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	34758	18.679	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	82238	90.940	ug/l	92
59) 2-Hexanone	9.433	43	121678	94.537	ug/l	86
60) Dibromochloromethane	9.525	129	14865	17.393	ug/l	97
61) 1,2-Dibromoethane	9.610	107	18671	17.958	ug/l	97
64) Tetrachloroethene	9.275	164	15894	18.573	ug/l	88
65) Chlorobenzene	10.080	112	46648	18.190	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	14977	18.071	ug/l	96
67) Ethyl Benzene	10.195	91	87938	18.622	ug/l	98
68) m/p-Xylenes	10.305	106	64187	36.601	ug/l	90
69) o-Xylene	10.647	106	31855	18.663	ug/l	92
70) Styrene	10.659	104	52238	18.439	ug/l	95
71) Bromoform	10.799	173	8364	17.378	ug/l #	100
73) Isopropylbenzene	10.964	105	86945	19.906	ug/l	98
74) N-amyl acetate	10.848	43	42687	18.658	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	28941	19.292	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	26937m	19.756	ug/l	
77) Bromobenzene	11.201	156	16924	18.634	ug/l	78
78) n-propylbenzene	11.305	91	102556	19.406	ug/l	96
79) 2-Chlorotoluene	11.366	91	61437	19.254	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	71391	19.906	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	7334	19.149	ug/l #	77
82) 4-Chlorotoluene	11.457	91	70893	19.225	ug/l	95
83) tert-Butylbenzene	11.720	119	65980	19.481	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	70856	19.629	ug/l	98
85) sec-Butylbenzene	11.896	105	88767	19.434	ug/l	97
86) p-Isopropyltoluene	12.012	119	69729	19.211	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	33007	18.836	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	32813	17.908	ug/l	94
89) n-Butylbenzene	12.335	91	66802	19.357	ug/l	95
90) Hexachloroethane	12.543	117	10185	17.756	ug/l	68
91) 1,2-Dichlorobenzene	12.335	146	32659	19.096	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5335	17.834	ug/l	75
93) 1,2,4-Trichlorobenzene	13.591	180	17268	18.205	ug/l	95
94) Hexachlorobutadiene	13.725	225	6658	17.913	ug/l	97
95) Naphthalene	13.780	128	72605	18.514	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	17898	18.733	ug/l	97

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

