

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071321\
 Data File : VX023257.D
 Acq On : 13 Jul 2021 12:32
 Operator : JC/MD
 Sample : VX0713WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/15/2021 1:18:01 PM

Quant Time: Jul 14 04:52:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	264906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	415905	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	381595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188997	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171298	48.11	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.22%
35) Dibromofluoromethane	5.391	113	128707	47.92	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.84%
50) Toluene-d8	8.653	98	471420	47.06	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.12%
62) 4-Bromofluorobenzene	11.085	95	186258	48.16	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.32%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	42537	17.72	ug/l	96
3) Chloromethane	1.294	50	37307	15.71	ug/l	99
4) Vinyl Chloride	1.374	62	41951	16.68	ug/l	97
5) Bromomethane	1.599	94	22276	13.48	ug/l	99
6) Chloroethane	1.685	64	26266	15.97	ug/l	94
7) Trichlorofluoromethane	1.886	101	71312	16.31	ug/l	99
8) Diethyl Ether	2.136	74	28172	17.46	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	47030	18.38	ug/l	96
10) Methyl Iodide	2.453	142	53348	16.98	ug/l	92
11) Tert butyl alcohol	2.971	59	66382	88.63	ug/l	98
12) 1,1-Dichloroethene	2.319	96	40187	17.02	ug/l	90
13) Acrolein	2.239	56	39027	78.25	ug/l	96
14) Allyl chloride	2.666	41	73379	17.88	ug/l	92
15) Acrylonitrile	3.068	53	135980	93.37	ug/l	99
16) Acetone	2.386	43	124068	88.08	ug/l	91
17) Carbon Disulfide	2.514	76	74093	14.88	ug/l	97
18) Methyl Acetate	2.709	43	63383	18.54	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	171176	19.38	ug/l	98
20) Methylene Chloride	2.794	84	50280	16.58	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	44474	17.44	ug/l	98
22) Diisopropyl ether	3.770	45	157213	18.17	ug/l	97
23) Vinyl Acetate	3.727	43	671483	91.71	ug/l	95
24) 1,1-Dichloroethane	3.611	63	89161	18.24	ug/l	99
25) 2-Butanone	4.568	43	191180	90.01	ug/l	93
26) 2,2-Dichloropropane	4.483	77	73120	17.82	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	54478	17.64	ug/l	98
28) Bromochloromethane	4.903	49	40930	17.65	ug/l	98
29) Tetrahydrofuran	5.013	42	121373	88.89	ug/l	94
30) Chloroform	5.099	83	95638	18.11	ug/l	97
31) Cyclohexane	5.477	56	70137	16.45	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	85286	18.55	ug/l	99
36) 1,1-Dichloropropene	5.702	75	63955	17.25	ug/l	99
37) Ethyl Acetate	4.721	43	73293	18.12	ug/l	97
38) Carbon Tetrachloride	5.678	117	72957	18.85	ug/l	99
39) Methylcyclohexane	7.385	83	76888	17.73	ug/l	98
40) Benzene	6.043	78	193696	17.99	ug/l	99
41) Methacrylonitrile	4.934	41	41847	18.51	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.092	62	80852	18.69	ug/l	95
43) Isopropyl Acetate	6.348	43	121927	18.12	ug/l	96
44) Trichloroethene	7.129	130	54571	17.87	ug/l	100
45) 1,2-Dichloropropane	7.434	63	51389	18.29	ug/l	97
46) Dibromomethane	7.586	93	37683	18.78	ug/l	98
47) Bromodichloromethane	7.824	83	68398	18.67	ug/l	98
48) Methyl methacrylate	7.696	41	58063	17.59	ug/l	91
49) 1,4-Dioxane	7.665	88	28103	378.26	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	381081	91.41	ug/l	92
52) Toluene	8.720	92	126638	18.18	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	76425	18.33	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	81312	18.30	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	55690	19.04	ug/l	98
56) Ethyl methacrylate	9.116	69	82891	18.34	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	90222	18.66	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	218686	91.91	ug/l	99
59) 2-Hexanone	9.433	43	288481	90.19	ug/l	90
60) Dibromochloromethane	9.525	129	52985	18.32	ug/l	99
61) 1,2-Dibromoethane	9.616	107	57579	19.18	ug/l	99
64) Tetrachloroethene	9.275	164	56262	18.49	ug/l	95
65) Chlorobenzene	10.079	112	141437	18.75	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	54393	19.94	ug/l	99
67) Ethyl Benzene	10.195	91	243839	18.29	ug/l	98
68) m/p-Xylenes	10.305	106	192132	37.74	ug/l	100
69) o-Xylene	10.646	106	94576	18.43	ug/l	99
70) Styrene	10.659	104	157417	18.78	ug/l	98
71) Bromoform	10.805	173	37249	18.82	ug/l #	99
73) Isopropylbenzene	10.963	105	250745	18.83	ug/l	100
74) N-ethyl acetate	10.848	43	99018	17.53	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	80035	18.92	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	75573m	19.87	ug/l	
77) Bromobenzene	11.201	156	63391	19.07	ug/l	95
78) n-propylbenzene	11.305	91	284238	18.46	ug/l	99
79) 2-Chlorotoluene	11.366	91	177158	18.62	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	217708	18.99	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	22417	19.66	ug/l	89
82) 4-Chlorotoluene	11.457	91	203241	18.91	ug/l	99
83) tert-Butylbenzene	11.719	119	209866	19.29	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	216974	19.15	ug/l	99
85) sec-Butylbenzene	11.896	105	266010	19.00	ug/l	100
86) p-Isopropyltoluene	12.012	119	226876	19.32	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	118265	18.95	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	117200	18.65	ug/l	97
89) n-Butylbenzene	12.335	91	185159	18.00	ug/l	98
90) Hexachloroethane	12.542	117	33335	18.59	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	118325	19.05	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17464	18.53	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	72574	18.97	ug/l	99
94) Hexachlorobutadiene	13.725	225	31932	19.72	ug/l	97
95) Naphthalene	13.780	128	244643	18.17	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	74064	19.25	ug/l	98

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