

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071421\
 Data File : VX023273.D
 Acq On : 14 Jul 2021 12:50
 Operator : JC/MD
 Sample : VX0714WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/15/2021 5:51:57 PM

Quant Time: Jul 15 04:25:47 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	5.562	168	264493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	415311	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	380510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	186742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	170899	48.076	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.160%
35) Dibromofluoromethane	5.391	113	127092	47.389	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.780%
50) Toluene-d8	8.653	98	464684	46.449	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.900%
62) 4-Bromofluorobenzene	11.085	95	180918	46.844	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	41788	17.437	ug/l	99
3) Chloromethane	1.294	50	35734	15.070	ug/l	99
4) Vinyl Chloride	1.374	62	40984	16.317	ug/l	99
5) Bromomethane	1.599	94	22945	14.094	ug/l	96
6) Chloroethane	1.685	64	26402	16.075	ug/l #	88
7) Trichlorofluoromethane	1.886	101	73642	16.870	ug/l	96
8) Diethyl Ether	2.142	74	27799	17.254	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	47482	18.587	ug/l	96
10) Methyl Iodide	2.453	142	52416	16.710	ug/l	93
11) Tert butyl alcohol	2.977	59	62351	83.375	ug/l	96
12) 1,1-Dichloroethene	2.319	96	40763	17.289	ug/l	96
13) Acrolein	2.239	56	32762	65.789	ug/l	99
14) Allyl chloride	2.666	41	71950	17.562	ug/l	93
15) Acrylonitrile	3.068	53	132648	91.221	ug/l	96
16) Acetone	2.386	43	123340	87.700	ug/l	90
17) Carbon Disulfide	2.514	76	71920	14.464	ug/l	98
18) Methyl Acetate	2.709	43	64141	18.788	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	169228	19.191	ug/l	97
20) Methylene Chloride	2.794	84	50593	16.709	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	44215	17.364	ug/l	92
22) Diisopropyl ether	3.770	45	156080	18.070	ug/l	98
23) Vinyl Acetate	3.727	43	666250	91.138	ug/l	96
24) 1,1-Dichloroethane	3.617	63	88680	18.171	ug/l	98
25) 2-Butanone	4.568	43	189196	89.212	ug/l	98
26) 2,2-Dichloropropane	4.483	77	75624	18.462	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	56030	18.167	ug/l	98
28) Bromochloromethane	4.904	49	41756	18.034	ug/l	99
29) Tetrahydrofuran	5.013	42	119768	87.855	ug/l	94
30) Chloroform	5.099	83	96833	18.368	ug/l	99
31) Cyclohexane	5.477	56	69022	16.217	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	85909	18.711	ug/l	99
36) 1,1-Dichloropropene	5.702	75	63514	17.155	ug/l	99
37) Ethyl Acetate	4.721	43	72995	18.073	ug/l	96
38) Carbon Tetrachloride	5.678	117	72966	18.881	ug/l	97
39) Methylcyclohexane	7.385	83	75876	17.522	ug/l	97
40) Benzene	6.044	78	189398	17.620	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	41386	18.330	ug/l	93
42) 1,2-Dichloroethane	6.092	62	81765	18.930	ug/l	94
43) Isopropyl Acetate	6.348	43	120086	17.875	ug/l	96
44) Trichloroethene	7.129	130	54244	17.789	ug/l	99
45) 1,2-Dichloropropane	7.434	63	51478	18.345	ug/l	97
46) Dibromomethane	7.586	93	37026	18.476	ug/l	100
47) Bromodichloromethane	7.824	83	68744	18.788	ug/l	98
48) Methyl methacrylate	7.696	41	58961	17.886	ug/l	89
49) 1,4-Dioxane	7.665	88	27001	363.944	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	378125	90.832	ug/l	93
52) Toluene	8.720	92	126162	18.135	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	74590	17.980	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	80492	18.161	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	55587	19.028	ug/l	97
56) Ethyl methacrylate	9.122	69	83335	18.461	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	89468	18.529	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	216719	91.247	ug/l	99
59) 2-Hexanone	9.433	43	285899	89.509	ug/l	91
60) Dibromochloromethane	9.525	129	51675	17.968	ug/l	99
61) 1,2-Dibromoethane	9.616	107	57653	19.229	ug/l	98
64) Tetrachloroethene	9.275	164	57521	18.953	ug/l	95
65) Chlorobenzene	10.086	112	139320	18.522	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	52512	19.308	ug/l	100
67) Ethyl Benzene	10.195	91	242322	18.224	ug/l	99
68) m/p-Xylenes	10.305	106	186009	36.641	ug/l	99
69) o-Xylene	10.646	106	93085	18.194	ug/l	98
70) Styrene	10.659	104	153686	18.389	ug/l	98
71) Bromoform	10.805	173	36779	18.675	ug/l #	100
73) Isopropylbenzene	10.963	105	249880	18.994	ug/l	100
74) N-amyl acetate	10.848	43	98572	17.658	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	79370	18.989	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	74743m	19.890	ug/l	
77) Bromobenzene	11.201	156	61742	18.797	ug/l	97
78) n-propylbenzene	11.305	91	282950	18.600	ug/l	98
79) 2-Chlorotoluene	11.366	91	175582	18.675	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	213300	18.831	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	22014	19.567	ug/l	87
82) 4-Chlorotoluene	11.457	91	199053	18.748	ug/l	100
83) tert-Butylbenzene	11.719	119	208623	19.404	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	213035	19.032	ug/l	97
85) sec-Butylbenzene	11.896	105	265162	19.168	ug/l	100
86) p-Isopropyltoluene	12.012	119	220357	18.988	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	117751	19.091	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	115492	18.596	ug/l	97
89) n-Butylbenzene	12.335	91	184944	18.193	ug/l	97
90) Hexachloroethane	12.542	117	32701	18.482	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	117817	19.202	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17380	18.649	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	72014	19.054	ug/l	99
94) Hexachlorobutadiene	13.725	225	32503	20.311	ug/l	99
95) Naphthalene	13.780	128	240334	18.075	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	74441	19.583	ug/l	99

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

