

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070621\
 Data File : VX023139.D
 Acq On : 06 Jul 2021 12:10
 Operator : JC/MD
 Sample : VX0706WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/7/2021 6:28:00 PM

Quant Time: Jul 07 02:50:01 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	397408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	632855	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	570865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	276251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	259797	48.641	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.280%
35) Dibromofluoromethane	5.397	113	199120	48.724	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.440%
50) Toluene-d8	8.652	98	731629	47.993	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.980%
62) 4-Bromofluorobenzene	11.085	95	283348	48.146	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	75226	20.891	ug/l	98
3) Chloromethane	1.300	50	69277	19.445	ug/l	98
4) Vinyl Chloride	1.373	62	74036	19.617	ug/l	99
5) Bromomethane	1.605	94	43873	19.518	ug/l	99
6) Chloroethane	1.684	64	46280	18.753	ug/l	97
7) Trichlorofluoromethane	1.885	101	124551	18.990	ug/l	97
8) Diethyl Ether	2.141	74	47633	19.677	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.330	101	80496	20.972	ug/l	98
10) Methyl Iodide	2.452	142	84594	17.949	ug/l	95
11) Tert butyl alcohol	2.971	59	117979	104.997	ug/l	98
12) 1,1-Dichloroethene	2.318	96	71191	20.096	ug/l	94
13) Acrolein	2.245	56	62967	84.154	ug/l	98
14) Allyl chloride	2.666	41	127895	20.776	ug/l	93
15) Acrylonitrile	3.068	53	224134	102.584	ug/l	96
16) Acetone	2.385	43	207969	98.418	ug/l	92
17) Carbon Disulfide	2.513	76	154159	20.633	ug/l	99
18) Methyl Acetate	2.708	43	105048	20.479	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	280328	21.158	ug/l	99
20) Methylene Chloride	2.794	84	84720	18.621	ug/l	93
21) trans-1,2-Dichloroethene	3.099	96	76473	19.988	ug/l	99
22) Diisopropyl ether	3.769	45	262933	20.260	ug/l	94
23) Vinyl Acetate	3.733	43	1149475	104.650	ug/l	96
24) 1,1-Dichloroethane	3.617	63	147774	20.152	ug/l	97
25) 2-Butanone	4.568	43	322215	101.120	ug/l	94
26) 2,2-Dichloropropane	4.482	77	130149	21.147	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	92185	19.893	ug/l	97
28) Bromochloromethane	4.909	49	69959	20.110	ug/l	98
29) Tetrahydrofuran	5.019	42	207787	101.443	ug/l	93
30) Chloroform	5.104	83	158356	19.992	ug/l	99
31) Cyclohexane	5.476	56	126298	19.749	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	141424	20.500	ug/l	100
36) 1,1-Dichloropropene	5.702	75	109360	19.384	ug/l	98
37) Ethyl Acetate	4.726	43	126417	20.541	ug/l	96
38) Carbon Tetrachloride	5.683	117	122679	20.832	ug/l	96
39) Methylcyclohexane	7.384	83	134048	20.315	ug/l	98
40) Benzene	6.043	78	318953	19.472	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	69580	20.223	ug/l	94
42) 1,2-Dichloroethane	6.098	62	130620	19.845	ug/l	95
43) Isopropyl Acetate	6.348	43	205096	20.035	ug/l	95
44) Trichloroethene	7.134	130	90043	19.378	ug/l	97
45) 1,2-Dichloropropane	7.439	63	85272	19.942	ug/l	96
46) Dibromomethane	7.586	93	61548	20.155	ug/l	97
47) Bromodichloromethane	7.829	83	114756	20.582	ug/l	99
48) Methyl methacrylate	7.695	41	99459	19.800	ug/l	90
49) 1,4-Dioxane	7.665	88	46259	409.185	ug/l	96
51) 4-Methyl-2-Pentanone	8.579	43	635604	100.198	ug/l	93
52) Toluene	8.720	92	208239	19.644	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	130072	20.181	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	139368	20.339	ug/l	93
55) 1,1,2-Trichloroethane	9.158	97	89943	20.205	ug/l	97
56) Ethyl methacrylate	9.122	69	139562	20.289	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	144677	19.663	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	342477	94.455	ug/l	99
59) 2-Hexanone	9.433	43	484293	99.502	ug/l	89
60) Dibromochloromethane	9.524	129	88000	19.715	ug/l	99
61) 1,2-Dibromoethane	9.616	107	92340	20.211	ug/l	100
64) Tetrachloroethene	9.274	164	89337	19.621	ug/l	93
65) Chlorobenzene	10.085	112	226277	20.052	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	86059	21.092	ug/l	99
67) Ethyl Benzene	10.195	91	406126	20.358	ug/l	98
68) m/p-Xylenes	10.305	106	311168	40.856	ug/l	98
69) o-Xylene	10.646	106	151980	19.800	ug/l	97
70) Styrene	10.658	104	255447	20.373	ug/l	97
71) Bromoform	10.805	173	60309	20.035	ug/l #	99
73) Isopropylbenzene	10.963	105	411503	21.145	ug/l	100
74) N-amyl acetate	10.847	43	170557	20.653	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	129550	20.952	ug/l	98
76) 1,2,3-Trichloropropane	11.243	75	120604m	21.695	ug/l	
77) Bromobenzene	11.201	156	98278	20.226	ug/l	98
78) n-propylbenzene	11.311	91	472704	21.006	ug/l	99
79) 2-Chlorotoluene	11.365	91	287400	20.664	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	350588	20.922	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	41293	23.533	ug/l	93
82) 4-Chlorotoluene	11.457	91	331499	21.106	ug/l	99
83) tert-Butylbenzene	11.719	119	340005	21.378	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	348285	21.033	ug/l	98
85) sec-Butylbenzene	11.896	105	435998	21.305	ug/l	100
86) p-Isopropyltoluene	12.012	119	364229	21.217	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	182687	20.022	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	183492	19.973	ug/l	97
89) n-Butylbenzene	12.335	91	311963	20.745	ug/l	98
90) Hexachloroethane	12.542	117	57552	21.419	ug/l	92
91) 1,2-Dichlorobenzene	12.341	146	185201	20.404	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	29641	21.108	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	116608	20.856	ug/l	98
94) Hexachlorobutadiene	13.731	225	51629	21.809	ug/l	99
95) Naphthalene	13.780	128	402774	20.307	ug/l	99
96) 1,2,3-Trichlorobenzene	13.962	180	116442	20.707	ug/l	98

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

