

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070721\
 Data File : VX023162.D
 Acq On : 07 Jul 2021 11:09
 Operator : JC/MD
 Sample : VX0707WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/8/2021 9:42:15 AM

Quant Time: Jul 08 03:16:05 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	279120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	438881	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	401241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	195667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	184562	49.199	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.400%		
35) Dibromofluoromethane	5.391	113	137474	48.507	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.020%		
50) Toluene-d8	8.653	98	509186	48.164	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.320%		
62) 4-Bromofluorobenzene	11.085	95	195587	47.922	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	50648	20.026	ug/l	97
3) Chloromethane	1.294	50	44781	17.896	ug/l	99
4) Vinyl Chloride	1.374	62	48849	18.429	ug/l	99
5) Bromomethane	1.599	94	29316	18.287	ug/l	97
6) Chloroethane	1.685	64	30233	17.443	ug/l	99
7) Trichlorofluoromethane	1.886	101	82686	17.950	ug/l	97
8) Diethyl Ether	2.142	74	31120	18.303	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	53361	19.794	ug/l	98
10) Methyl Iodide	2.453	142	58510	17.675	ug/l	94
11) Tert butyl alcohol	2.977	59	74015	93.786	ug/l	97
12) 1,1-Dichloroethene	2.319	96	46283	18.602	ug/l	92
13) Acrolein	2.239	56	41319	78.625	ug/l	96
14) Allyl chloride	2.666	41	82693	19.126	ug/l	91
15) Acrylonitrile	3.075	53	148388	96.698	ug/l	97
16) Acetone	2.386	43	134558	90.663	ug/l	93
17) Carbon Disulfide	2.514	76	93944	17.903	ug/l	99
18) Methyl Acetate	2.715	43	69260	19.225	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	182799	19.644	ug/l	99
20) Methylene Chloride	2.794	84	55577	17.393	ug/l	93
21) trans-1,2-Dichloroethene	3.099	96	49571	18.447	ug/l	95
22) Diisopropyl ether	3.770	45	173164	18.997	ug/l	95
23) Vinyl Acetate	3.727	43	755159	97.887	ug/l	95
24) 1,1-Dichloroethane	3.617	63	96029	18.646	ug/l	98
25) 2-Butanone	4.568	43	209646	93.675	ug/l	93
26) 2,2-Dichloropropane	4.483	77	85279	19.728	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	60553	18.604	ug/l	96
28) Bromochloromethane	4.910	49	47147	19.296	ug/l	96
29) Tetrahydrofuran	5.019	42	134022	93.159	ug/l	93
30) Chloroform	5.105	83	104579	18.798	ug/l	95
31) Cyclohexane	5.477	56	81390	18.120	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	93188	19.232	ug/l	99
36) 1,1-Dichloropropene	5.702	75	71375	18.243	ug/l	99
37) Ethyl Acetate	4.727	43	79758	18.687	ug/l	97
38) Carbon Tetrachloride	5.684	117	79491	19.464	ug/l	94
39) Methylcyclohexane	7.385	83	87319	19.082	ug/l	98
40) Benzene	6.044	78	211729	18.639	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	45021	18.869	ug/l	94
42) 1,2-Dichloroethane	6.092	62	87740	19.222	ug/l	95
43) Isopropyl Acetate	6.348	43	134499	18.945	ug/l	94
44) Trichloroethene	7.135	130	58895	18.277	ug/l	99
45) 1,2-Dichloropropane	7.434	63	56468	19.043	ug/l	96
46) Dibromomethane	7.586	93	40429	19.091	ug/l	96
47) Bromodichloromethane	7.824	83	74470	19.260	ug/l	98
48) Methyl methacrylate	7.696	41	64499	18.515	ug/l	88
49) 1,4-Dioxane	7.665	88	29106	371.247	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	421332	95.775	ug/l	92
52) Toluene	8.720	92	135971	18.496	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	84126	19.005	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	89498	18.995	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	58865	19.068	ug/l	99
56) Ethyl methacrylate	9.122	69	91291	19.137	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	95781	18.771	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	237095	94.299	ug/l	98
59) 2-Hexanone	9.433	43	317212	93.979	ug/l	89
60) Dibromochloromethane	9.525	129	55961	18.336	ug/l	100
61) 1,2-Dibromoethane	9.616	107	61021	19.259	ug/l	100
64) Tetrachloroethene	9.275	164	58350	18.233	ug/l #	91
65) Chlorobenzene	10.085	112	147132	18.550	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	55216	19.254	ug/l	99
67) Ethyl Benzene	10.195	91	267090	19.049	ug/l	99
68) m/p-Xylenes	10.305	106	204165	38.139	ug/l	97
69) o-Xylene	10.646	106	101261	18.769	ug/l	98
70) Styrene	10.659	104	167596	19.018	ug/l	97
71) Bromoform	10.805	173	38356	18.514	ug/l #	99
73) Isopropylbenzene	10.963	105	271953	19.729	ug/l	99
74) N-amyl acetate	10.848	43	111076	18.990	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	85876	19.609	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	80456m	20.433	ug/l	
77) Bromobenzene	11.201	156	64324	18.690	ug/l	100
78) n-propylbenzene	11.311	91	306666	19.240	ug/l	99
79) 2-Chlorotoluene	11.366	91	191342	19.423	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	231165	19.477	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	25645	21.222	ug/l	90
82) 4-Chlorotoluene	11.457	91	220188	19.793	ug/l	98
83) tert-Butylbenzene	11.719	119	223824	19.869	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	228801	19.508	ug/l	99
85) sec-Butylbenzene	11.896	105	288203	19.883	ug/l	100
86) p-Isopropyltoluene	12.012	119	238090	19.581	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	121200	18.754	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	121853	18.726	ug/l	96
89) n-Butylbenzene	12.335	91	207159	19.449	ug/l	96
90) Hexachloroethane	12.542	117	35672	19.118	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	121127	18.841	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18697	19.079	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	75111	18.967	ug/l	99
94) Hexachlorobutadiene	13.725	225	33684	20.089	ug/l	98
95) Naphthalene	13.780	128	258410	18.514	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	76939	19.317	ug/l	99

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

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