

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071621\
 Data File : VX023318.D
 Acq On : 16 Jul 2021 11:22
 Operator : JC/MD
 Sample : VX0716WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/19/2021 5:53:15 PM

Quant Time: Jul 17 02:07:37 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	253438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	397167	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181071	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	173185	50.844	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.680%	
35) Dibromofluoromethane	5.391	113	129138	50.351	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.700%	
50) Toluene-d8	8.652	98	452312	47.278	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.560%	
62) 4-Bromofluorobenzene	11.085	95	181289	49.084	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.160%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	40583	17.673	ug/l	97
3) Chloromethane	1.300	50	35614	15.675	ug/l	100
4) Vinyl Chloride	1.373	62	39528	16.423	ug/l	100
5) Bromomethane	1.599	94	23629	15.581	ug/l	99
6) Chloroethane	1.684	64	24419	15.516	ug/l	97
7) Trichlorofluoromethane	1.885	101	72825	17.411	ug/l	93
8) Diethyl Ether	2.135	74	27297	17.682	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.330	101	45968	18.780	ug/l	94
10) Methyl Iodide	2.452	142	51584	17.162	ug/l	93
11) Tert butyl alcohol	2.977	59	71156	99.300	ug/l	97
12) 1,1-Dichloroethene	2.318	96	39944	17.681	ug/l	95
13) Acrolein	2.239	56	34124	71.513	ug/l	96
14) Allyl chloride	2.666	41	72202	18.392	ug/l	91
15) Acrylonitrile	3.068	53	142749	102.450	ug/l	98
16) Acetone	2.385	43	133682	99.200	ug/l	91
17) Carbon Disulfide	2.513	76	76502	16.056	ug/l	100
18) Methyl Acetate	2.708	43	70079	21.423	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	172779	20.449	ug/l	96
20) Methylene Chloride	2.794	84	50566	17.428	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	42601	17.460	ug/l	93
22) Diisopropyl ether	3.769	45	155398	18.776	ug/l	97
23) Vinyl Acetate	3.727	43	681789	97.332	ug/l	95
24) 1,1-Dichloroethane	3.611	63	87584	18.729	ug/l	97
25) 2-Butanone	4.568	43	207763	102.240	ug/l	96
26) 2,2-Dichloropropane	4.482	77	76905	19.594	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	54589	18.472	ug/l	97
28) Bromochloromethane	4.909	49	40822	18.400	ug/l	99
29) Tetrahydrofuran	5.019	42	130661	100.026	ug/l	92
30) Chloroform	5.098	83	96691	19.141	ug/l	98
31) Cyclohexane	5.476	56	67119	16.457	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	86383	19.635	ug/l	100
36) 1,1-Dichloropropene	5.702	75	62603	17.681	ug/l	99
37) Ethyl Acetate	4.720	43	78792	20.400	ug/l	95
38) Carbon Tetrachloride	5.684	117	74129	20.058	ug/l	100
39) Methylcyclohexane	7.384	83	72085	17.407	ug/l	93
40) Benzene	6.043	78	185109	18.007	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	43157	19.987	ug/l	92
42) 1,2-Dichloroethane	6.092	62	84129	20.367	ug/l	94
43) Isopropyl Acetate	6.348	43	125978	19.609	ug/l	95
44) Trichloroethene	7.128	130	53032	18.186	ug/l	96
45) 1,2-Dichloropropane	7.433	63	50309	18.748	ug/l	94
46) Dibromomethane	7.586	93	37669	19.656	ug/l	97
47) Bromodichloromethane	7.823	83	70273	20.084	ug/l	96
48) Methyl methacrylate	7.695	41	60013	19.037	ug/l	88
49) 1,4-Dioxane	7.659	88	26851	378.456	ug/l	96
51) 4-Methyl-2-Pentanone	8.579	43	404860	101.697	ug/l	92
52) Toluene	8.720	92	120251	18.075	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	75631	18.899	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	81630	19.127	ug/l	92
55) 1,1,2-Trichloroethane	9.152	97	53914	19.299	ug/l	99
56) Ethyl methacrylate	9.122	69	82587	19.131	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	88271	19.116	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	234068	102.447	ug/l	100
59) 2-Hexanone	9.433	43	310960	101.802	ug/l	89
60) Dibromochloromethane	9.524	129	54413	19.470	ug/l	100
61) 1,2-Dibromoethane	9.616	107	57406	20.021	ug/l	98
64) Tetrachloroethene	9.274	164	54418	18.864	ug/l	93
65) Chlorobenzene	10.085	112	134628	18.830	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	53961	20.874	ug/l	100
67) Ethyl Benzene	10.195	91	236306	18.697	ug/l	100
68) m/p-Xylenes	10.305	106	184068	38.146	ug/l	99
69) o-Xylene	10.646	106	90789	18.669	ug/l	98
70) Styrene	10.658	104	154028	19.390	ug/l	98
71) Bromoform	10.805	173	39451	20.554	ug/l #	99
73) Isopropylbenzene	10.963	105	244916	19.200	ug/l	100
74) N-amyl acetate	10.847	43	103254	19.076	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	81993	20.231	ug/l	100
76) 1,2,3-Trichloropropane	11.243	75	77896m	21.378	ug/l	
77) Bromobenzene	11.201	156	61051	19.169	ug/l	97
78) n-propylbenzene	11.304	91	278238	18.863	ug/l	100
79) 2-Chlorotoluene	11.365	91	173101	18.988	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	208310	18.966	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	23652	21.166	ug/l	86
82) 4-Chlorotoluene	11.457	91	197772	19.211	ug/l	100
83) tert-Butylbenzene	11.719	119	206025	19.763	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	209104	19.265	ug/l	98
85) sec-Butylbenzene	11.896	105	258794	19.293	ug/l	100
86) p-Isopropyltoluene	12.012	119	220276	19.576	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	114148	19.087	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	115328	19.152	ug/l	96
89) n-Butylbenzene	12.335	91	184753	18.744	ug/l	98
90) Hexachloroethane	12.542	117	34059	19.630	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	113317	19.047	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	19133	20.826	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	72117	19.679	ug/l	98
94) Hexachlorobutadiene	13.731	225	33345	21.490	ug/l	98
95) Naphthalene	13.780	128	252214	19.457	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	74424	20.192	ug/l	97

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

