

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023767.D
 Acq On : 17 Aug 2021 16:53
 Operator : JC/MD
 Sample : VX0817WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:56:14 PM

Quant Time: Aug 17 17:40:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	190846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	304464	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	286689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	139742	52.463	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.920%			
35) Dibromofluoromethane	5.397	113	103555	51.388	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.780%			
50) Toluene-d8	8.653	98	393102	51.253	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.500%			
62) 4-Bromofluorobenzene	11.085	95	146254	51.799	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	41004	20.364	ug/l	96
3) Chloromethane	1.294	50	43369	19.620	ug/l	100
4) Vinyl Chloride	1.374	62	43113	19.999	ug/l	100
5) Bromomethane	1.599	94	32070	23.661	ug/l	94
6) Chloroethane	1.684	64	28268	17.860	ug/l	99
7) Trichlorofluoromethane	1.886	101	68278	20.056	ug/l	99
8) Diethyl Ether	2.142	74	25021	21.046	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	38029	19.852	ug/l	96
10) Methyl Iodide	2.453	142	52122	19.541	ug/l	95
11) Tert butyl alcohol	2.977	59	60398	112.125	ug/l	99
12) 1,1-Dichloroethene	2.325	96	37351	20.393	ug/l	96
13) Acrolein	2.239	56	31980	99.766	ug/l	100
14) Allyl chloride	2.666	41	66137	19.594	ug/l	92
15) Acrylonitrile	3.074	53	129392	107.809	ug/l	98
16) Acetone	2.386	43	120507	101.184	ug/l	90
17) Carbon Disulfide	2.514	76	81623	18.685	ug/l	100
18) Methyl Acetate	2.715	43	63207	21.259	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	133231	20.901	ug/l	98
20) Methylene Chloride	2.794	84	44795	19.691	ug/l	90
21) trans-1,2-Dichloroethene	3.099	96	39696	20.291	ug/l	96
22) Diisopropyl ether	3.769	45	137406	20.439	ug/l	92
23) Vinyl Acetate	3.733	43	574997	105.732	ug/l	94
24) 1,1-Dichloroethane	3.617	63	75234	20.108	ug/l	99
25) 2-Butanone	4.568	43	192202	106.548	ug/l	92
26) 2,2-Dichloropropane	4.483	77	56959	18.549	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	46566	20.004	ug/l	96
28) Bromochloromethane	4.903	49	38007	22.342	ug/l	92
29) Tetrahydrofuran	5.019	42	123305	105.529	ug/l	90
30) Chloroform	5.105	83	78331	19.773	ug/l	99
31) Cyclohexane	5.483	56	67170	19.629	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	66261	19.533	ug/l	98
36) 1,1-Dichloropropene	5.702	75	55830	19.801	ug/l	99
37) Ethyl Acetate	4.727	43	71351	20.587	ug/l	95
38) Carbon Tetrachloride	5.684	117	55940	19.026	ug/l	95
39) Methylcyclohexane	7.391	83	69393	20.213	ug/l	98
40) Benzene	6.050	78	167546	20.096	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	39058	20.788	ug/l	92
42) 1,2-Dichloroethane	6.098	62	68743	20.979	ug/l	95
43) Isopropyl Acetate	6.348	43	112561	20.763	ug/l	93
44) Trichloroethene	7.135	130	45505	19.758	ug/l	96
45) 1,2-Dichloropropane	7.440	63	44915	20.288	ug/l	98
46) Dibromomethane	7.586	93	31606	20.514	ug/l	98
47) Bromodichloromethane	7.830	83	54463	19.541	ug/l	97
48) Methyl methacrylate	7.696	41	54960	20.782	ug/l	85
49) 1,4-Dioxane	7.665	88	25715	460.073	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	381951	108.992	ug/l	89
52) Toluene	8.726	92	108186	20.025	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	62543	18.767	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	67918	20.111	ug/l #	89
55) 1,1,2-Trichloroethane	9.159	97	46153	20.750	ug/l	98
56) Ethyl methacrylate	9.122	69	71749	19.352	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	76645	20.777	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	169434	94.602	ug/l	96
59) 2-Hexanone	9.433	43	302631	112.346	ug/l	87
60) Dibromochloromethane	9.525	129	42233	18.300	ug/l	100
61) 1,2-Dibromoethane	9.616	107	49426	21.035	ug/l	97
64) Tetrachloroethene	9.275	164	45726	19.969	ug/l	92
65) Chlorobenzene	10.085	112	119114	19.911	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	41537	19.508	ug/l	97
67) Ethyl Benzene	10.195	91	205252	19.647	ug/l	99
68) m/p-Xylenes	10.305	106	158998	39.958	ug/l	100
69) o-Xylene	10.646	106	79810	20.410	ug/l	98
70) Styrene	10.658	104	128426	20.160	ug/l	97
71) Bromoform	10.805	173	30421	18.835	ug/l #	100
73) Isopropylbenzene	10.963	105	207721	20.107	ug/l	100
74) N-amyl acetate	10.847	43	95797	20.519	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	73685	21.764	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	68355m	21.635	ug/l	
77) Bromobenzene	11.201	156	52037	20.451	ug/l	97
78) n-propylbenzene	11.305	91	234830	19.874	ug/l	99
79) 2-Chlorotoluene	11.366	91	143609	20.108	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	173141	20.394	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	20257	18.860	ug/l #	84
82) 4-Chlorotoluene	11.457	91	164413	20.282	ug/l	99
83) tert-Butylbenzene	11.719	119	165785	20.106	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	174125	20.570	ug/l	99
85) sec-Butylbenzene	11.896	105	213494	20.451	ug/l	100
86) p-Isopropyltoluene	12.012	119	175441	20.420	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	93132	20.231	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	92274	20.097	ug/l	98
89) n-Butylbenzene	12.335	91	153510	20.011	ug/l	96
90) Hexachloroethane	12.542	117	25494	17.990	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	91679	20.557	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13635	18.595	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	52579	19.589	ug/l	98
94) Hexachlorobutadiene	13.731	225	23268	19.449	ug/l	97
95) Naphthalene	13.780	128	183201	19.301	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	53123	19.872	ug/l	99

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

