

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091321\
 Data File : VX024187.D
 Acq On : 13 Sep 2021 16:24
 Operator : JC/MD
 Sample : VX0913WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/14/2021 10:47:32 AM

Quant Time: Sep 14 05:23:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091321W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 13 12:27:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	188719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	295648	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	275343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	134019	50.267	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.540%	
35) Dibromofluoromethane	5.391	113	98151	48.520	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.040%	
50) Toluene-d8	8.653	98	363421	49.464	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.920%	
62) 4-Bromofluorobenzene	11.085	95	141997	50.121	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.240%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	35694	19.910	ug/l	100
3) Chloromethane	1.295	50	33663	20.131	ug/l	100
4) Vinyl Chloride	1.374	62	34239	19.029	ug/l	100
5) Bromomethane	1.599	94	25528	24.549	ug/l	99
6) Chloroethane	1.685	64	22582	18.911	ug/l	95
7) Trichlorofluoromethane	1.886	101	61232	19.897	ug/l	99
8) Diethyl Ether	2.142	74	21358	19.957	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	37272	20.469	ug/l	96
10) Methyl Iodide	2.453	142	45808	19.543	ug/l	92
11) Tert butyl alcohol	2.971	59	66156	108.259	ug/l	100
12) 1,1-Dichloroethene	2.319	96	32188	18.699	ug/l	86
13) Acrolein	2.239	56	22765	104.483	ug/l	100
14) Allyl chloride	2.666	41	61576	19.935	ug/l	92
15) Acrylonitrile	3.069	53	118462	108.360	ug/l	97
16) Acetone	2.386	43	112993	102.815	ug/l	91
17) Carbon Disulfide	2.514	76	74302	18.289	ug/l	100
18) Methyl Acetate	2.709	43	66553	22.441	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	132953	20.735	ug/l	100
20) Methylene Chloride	2.794	84	41880	21.688	ug/l	93
21) trans-1,2-Dichloroethene	3.099	96	35100	19.152	ug/l	94
22) Diisopropyl ether	3.770	45	126311	20.544	ug/l	99
23) Vinyl Acetate	3.727	43	514272	105.344	ug/l	95
24) 1,1-Dichloroethane	3.611	63	70703	20.124	ug/l	97
25) 2-Butanone	4.562	43	176593	105.703	ug/l	93
26) 2,2-Dichloropropane	4.483	77	58431	18.404	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	43176	19.617	ug/l	95
28) Bromochloromethane	4.910	49	25289	16.409	ug/l	98
29) Tetrahydrofuran	5.019	42	112083	106.568	ug/l	92
30) Chloroform	5.105	83	78114	20.473	ug/l	98
31) Cyclohexane	5.477	56	59365	19.974	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	67627	19.588	ug/l	97
36) 1,1-Dichloropropene	5.702	75	53015	19.431	ug/l	98
37) Ethyl Acetate	4.727	43	66743	21.472	ug/l	95
38) Carbon Tetrachloride	5.684	117	59722	19.999	ug/l	99
39) Methylcyclohexane	7.385	83	64908	20.225	ug/l	93
40) Benzene	6.044	78	154672	20.118	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	36056	21.813	ug/l	92
42) 1,2-Dichloroethane	6.092	62	67026	21.070	ug/l	94
43) Isopropyl Acetate	6.348	43	105232	20.885	ug/l	93
44) Trichloroethene	7.129	130	42807	19.715	ug/l	100
45) 1,2-Dichloropropane	7.440	63	41549	20.683	ug/l	97
46) Dibromomethane	7.586	93	30825	20.867	ug/l	99
47) Bromodichloromethane	7.824	83	55973	20.057	ug/l	96
48) Methyl methacrylate	7.696	41	52313	21.844	ug/l	86
49) 1,4-Dioxane	7.665	88	23319	427.109	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	351491	110.489	ug/l	92
52) Toluene	8.720	92	102318	20.532	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	62620	19.750	ug/l	97
54) cis-1,3-Dichloropropene	8.373	75	66008	20.146	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	44433	20.773	ug/l	99
56) Ethyl methacrylate	9.122	69	69428	20.989	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	72992	20.897	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	160428	99.475	ug/l	99
59) 2-Hexanone	9.433	43	279347	112.176	ug/l	88
60) Dibromochloromethane	9.525	129	44187	20.240	ug/l	100
61) 1,2-Dibromoethane	9.610	107	46724	20.769	ug/l	99
64) Tetrachloroethene	9.275	164	44215	20.981	ug/l	97
65) Chlorobenzene	10.086	112	113452	20.481	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	43009	19.917	ug/l	99
67) Ethyl Benzene	10.195	91	198751	20.228	ug/l	99
68) m/p-Xylenes	10.305	106	153223	40.763	ug/l	96
69) o-Xylene	10.647	106	76304	20.250	ug/l	98
70) Styrene	10.659	104	125118	20.725	ug/l	96
71) Bromoform	10.805	173	32316	19.918	ug/l #	99
73) Isopropylbenzene	10.964	105	203991	20.477	ug/l	99
74) N-amyl acetate	10.848	43	89212	20.848	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	71681	22.070	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	66922m	21.719	ug/l	
77) Bromobenzene	11.201	156	51353	19.973	ug/l	94
78) n-propylbenzene	11.305	91	231516	20.551	ug/l	100
79) 2-Chlorotoluene	11.366	91	142822	20.243	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	172165	20.432	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20979	20.100	ug/l	89
82) 4-Chlorotoluene	11.457	91	163541	20.321	ug/l	99
83) tert-Butylbenzene	11.719	119	168886	20.457	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	172735	20.500	ug/l	99
85) sec-Butylbenzene	11.896	105	212011	20.630	ug/l	99
86) p-Isopropyltoluene	12.012	119	177594	20.536	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	92969	20.198	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	94219	20.529	ug/l	98
89) n-Butylbenzene	12.335	91	152610	20.651	ug/l	98
90) Hexachloroethane	12.543	117	27892	20.135	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	93540	20.720	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15378	20.719	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	53862	20.229	ug/l	98
94) Hexachlorobutadiene	13.725	225	27108	21.193	ug/l	99
95) Naphthalene	13.780	128	180343	20.850	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	53180	20.079	ug/l	98

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

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