

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091021\
 Data File : VX024157.D
 Acq On : 10 Sep 2021 11:50
 Operator : JC/MD
 Sample : VX0910WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/13/2021 7:33:39 PM

Quant Time: Sep 11 04:19:58 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	5.556	168	174509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	269879	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	126240	51.831	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.660%			
35) Dibromofluoromethane	5.391	113	94719	53.026	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.060%			
50) Toluene-d8	8.653	98	332182	48.860	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.720%			
62) 4-Bromofluorobenzene	11.085	95	135906	54.303	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	34605	18.795	ug/l	99
3) Chloromethane	1.294	50	32291	15.976	ug/l	100
4) Vinyl Chloride	1.374	62	32463	16.468	ug/l	100
5) Bromomethane	1.599	94	23247	18.757	ug/l	99
6) Chloroethane	1.685	64	21363	15.042	ug/l	99
7) Trichlorofluoromethane	1.886	101	55287	17.760	ug/l	98
8) Diethyl Ether	2.136	74	19800	18.214	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	32162	18.361	ug/l	95
10) Methyl Iodide	2.453	142	40141	16.458	ug/l	91
11) Tert butyl alcohol	2.971	59	52233	106.045	ug/l	97
12) 1,1-Dichloroethene	2.319	96	30388	18.145	ug/l	90
13) Acrolein	2.239	56	23995	81.863	ug/l	96
14) Allyl chloride	2.666	41	53974	17.488	ug/l	89
15) Acrylonitrile	3.068	53	95034	86.595	ug/l	97
16) Acetone	2.386	43	93777	86.111	ug/l #	87
17) Carbon Disulfide	2.514	76	68765	17.215	ug/l	99
18) Methyl Acetate	2.709	43	63165	23.234	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	118037	20.251	ug/l	98
20) Methylene Chloride	2.794	84	37021	17.797	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	33177	18.546	ug/l	94
22) Diisopropyl ether	3.770	45	113768	18.507	ug/l	98
23) Vinyl Acetate	3.727	43	475645	95.651	ug/l	95
24) 1,1-Dichloroethane	3.611	63	63552	18.576	ug/l	96
25) 2-Butanone	4.562	43	139428	84.529	ug/l	95
26) 2,2-Dichloropropane	4.483	77	55043	19.603	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	39598	18.603	ug/l	95
28) Bromochloromethane	4.904	49	26188	16.835	ug/l	99
29) Tetrahydrofuran	5.013	42	89201	83.489	ug/l	92
30) Chloroform	5.099	83	69309	19.133	ug/l	99
31) Cyclohexane	5.477	56	55518	17.742	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	61400	19.795	ug/l	99
36) 1,1-Dichloropropene	5.696	75	49079	19.637	ug/l	99
37) Ethyl Acetate	4.721	43	53395	17.380	ug/l	96
38) Carbon Tetrachloride	5.684	117	52499	20.144	ug/l	100
39) Methylcyclohexane	7.385	83	59346	19.502	ug/l	96
40) Benzene	6.044	78	143058	19.358	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	29758	17.868	ug/l	93
42) 1,2-Dichloroethane	6.092	62	60649	20.881	ug/l	94
43) Isopropyl Acetate	6.348	43	89468	18.618	ug/l	93
44) Trichloroethene	7.129	130	39588	19.392	ug/l	94
45) 1,2-Dichloropropane	7.434	63	37662	19.192	ug/l	99
46) Dibromomethane	7.586	93	27690	20.276	ug/l	98
47) Bromodichloromethane	7.824	83	50867	20.589	ug/l	98
48) Methyl methacrylate	7.696	41	53219	22.702	ug/l	87
49) 1,4-Dioxane	7.665	88	18028	363.877	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	285605	91.943	ug/l	90
52) Toluene	8.720	92	93066	19.434	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	56589	19.112	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	59214	19.780	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	39764	20.169	ug/l	96
56) Ethyl methacrylate	9.116	69	46417	14.329	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	64643	19.769	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	156125	98.343	ug/l	97
59) 2-Hexanone	9.433	43	222676	93.257	ug/l	86
60) Dibromochloromethane	9.525	129	38960	18.977	ug/l	98
61) 1,2-Dibromoethane	9.610	107	42310	20.314	ug/l	99
64) Tetrachloroethene	9.275	164	40869	20.186	ug/l	95
65) Chlorobenzene	10.079	112	104383	19.734	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	38882	20.653	ug/l	99
67) Ethyl Benzene	10.195	91	184593	19.984	ug/l	99
68) m/p-Xylenes	10.305	106	139827	39.742	ug/l	98
69) o-Xylene	10.646	106	67727	19.589	ug/l	99
70) Styrene	10.659	104	100218	17.792	ug/l	95
71) Bromoform	10.805	173	27451	19.182	ug/l #	99
73) Isopropylbenzene	10.963	105	185074	19.321	ug/l	99
74) N-amyl acetate	10.848	43	76855	17.754	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	61125	19.471	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	57460m	19.614	ug/l	
77) Bromobenzene	11.201	156	47433	20.105	ug/l	95
78) n-propylbenzene	11.305	91	205909	18.794	ug/l	100
79) 2-Chlorotoluene	11.366	91	124851	18.854	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	158064	20.080	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	17187	17.257	ug/l	87
82) 4-Chlorotoluene	11.457	91	147757	19.658	ug/l	99
83) tert-Butylbenzene	11.719	119	146937	19.219	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	157285	20.039	ug/l	100
85) sec-Butylbenzene	11.896	105	175049	18.085	ug/l	99
86) p-Isopropyltoluene	12.012	119	162042	20.341	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	82521	19.333	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	81488	19.141	ug/l	98
89) n-Butylbenzene	12.335	91	140218	19.713	ug/l	97
90) Hexachloroethane	12.542	117	23343	17.783	ug/l	99
91) 1,2-Dichlorobenzene	12.341	146	78700	19.031	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12297	18.146	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	49355	19.831	ug/l	98
94) Hexachlorobutadiene	13.725	225	23314	21.017	ug/l	98
95) Naphthalene	13.780	128	156004	17.830	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	48447	19.546	ug/l	99

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

