

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090321\
 Data File : VX024099.D
 Acq On : 03 Sep 2021 13:54
 Operator : JC/MD
 Sample : VX0903WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/7/2021 4:38:01 PM

Quant Time: Sep 04 01:28:27 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	161401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	251883	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	122231	54.261	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.520%	
35) Dibromofluoromethane	5.398	113	90385	54.215	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.440%	
50) Toluene-d8	8.653	98	322510	50.827	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.660%	
62) 4-Bromofluorobenzene	11.086	95	126074	53.973	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.940%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	29847	17.527	ug/l	99
3) Chloromethane	1.295	50	30053	16.077	ug/l	98
4) Vinyl Chloride	1.374	62	30990	16.998	ug/l	98
5) Bromomethane	1.599	94	23402	20.416	ug/l	95
6) Chloroethane	1.685	64	21549	16.252	ug/l	95
7) Trichlorofluoromethane	1.886	101	56567	19.647	ug/l	98
8) Diethyl Ether	2.142	74	19647	19.541	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	32809	20.251	ug/l	96
10) Methyl Iodide	2.453	142	40418	17.917	ug/l	92
11) Tert butyl alcohol	2.977	59	51132	112.241	ug/l	100
12) 1,1-Dichloroethene	2.325	96	29996	19.365	ug/l	99
13) Acrolein	2.240	56	30614	112.927	ug/l	97
14) Allyl chloride	2.666	41	54010	18.920	ug/l	88
15) Acrylonitrile	3.075	53	97248	95.808	ug/l	97
16) Acetone	2.386	43	103855	103.111	ug/l	89
17) Carbon Disulfide	2.514	76	63486	17.185	ug/l	97
18) Methyl Acetate	2.715	43	49820	19.814	ug/l	90
19) Methyl tert-butyl Ether	3.124	73	112320	20.835	ug/l	100
20) Methylene Chloride	2.794	84	37392	19.435	ug/l	88
21) trans-1,2-Dichloroethene	3.099	96	32332	19.542	ug/l	93
22) Diisopropyl ether	3.770	45	112427	19.774	ug/l	93
23) Vinyl Acetate	3.733	43	457941	99.569	ug/l	94
24) 1,1-Dichloroethane	3.617	63	63582	20.094	ug/l	98
25) 2-Butanone	4.568	43	149359	97.903	ug/l	90
26) 2,2-Dichloropropane	4.489	77	56813	21.877	ug/l	96
27) cis-1,2-Dichloroethene	4.501	96	38169	19.388	ug/l	93
28) Bromochloromethane	4.910	49	25797	17.931	ug/l	94
29) Tetrahydrofuran	5.020	42	92785	93.896	ug/l	90
30) Chloroform	5.111	83	69462	20.733	ug/l	96
31) Cyclohexane	5.477	56	53647	18.537	ug/l	95
32) 1,1,1-Trichloroethane	5.398	97	61826	21.551	ug/l	97
36) 1,1-Dichloropropene	5.702	75	47119	20.200	ug/l	99
37) Ethyl Acetate	4.727	43	56117	19.571	ug/l	95
38) Carbon Tetrachloride	5.690	117	53868	22.146	ug/l	98
39) Methylcyclohexane	7.385	83	55456	19.526	ug/l	95
40) Benzene	6.050	78	140026	20.301	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	30023	19.315	ug/l	91
42) 1,2-Dichloroethane	6.099	62	58709	21.657	ug/l	95
43) Isopropyl Acetate	6.349	43	90114	20.092	ug/l #	92
44) Trichloroethene	7.129	130	39271	20.611	ug/l	99
45) 1,2-Dichloropropane	7.440	63	36879	20.135	ug/l	93
46) Dibromomethane	7.586	93	26177	20.538	ug/l	100
47) Bromodichloromethane	7.830	83	50133	21.742	ug/l	99
48) Methyl methacrylate	7.696	41	44084	20.149	ug/l	84
49) 1,4-Dioxane	7.665	88	18208	393.768	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	296363	102.223	ug/l	90
52) Toluene	8.720	92	88971	19.906	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	53735	19.408	ug/l	95
54) cis-1,3-Dichloropropene	8.373	75	57147	20.454	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	38468	20.906	ug/l	97
56) Ethyl methacrylate	9.122	69	57703	18.833	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	62741	20.558	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	148820	100.439	ug/l	98
59) 2-Hexanone	9.433	43	228335	102.460	ug/l	86
60) Dibromochloromethane	9.525	129	37133	19.343	ug/l	100
61) 1,2-Dibromoethane	9.616	107	40467	20.817	ug/l	97
64) Tetrachloroethene	9.281	164	39374	21.136	ug/l	98
65) Chlorobenzene	10.080	112	99201	20.382	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	38175	22.038	ug/l	99
67) Ethyl Benzene	10.195	91	175023	20.593	ug/l	98
68) m/p-Xylenes	10.305	106	136517	42.170	ug/l	99
69) o-Xylene	10.647	106	66332	20.851	ug/l	97
70) Styrene	10.659	104	111502	21.514	ug/l	97
71) Bromoform	10.805	173	26910	20.310	ug/l #	99
73) Isopropylbenzene	10.964	105	180856	20.210	ug/l	100
74) N-amyl acetate	10.848	43	76951	19.028	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	60196	20.526	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	56225m	20.544	ug/l	
77) Bromobenzene	11.201	156	43474	19.725	ug/l	97
78) n-propylbenzene	11.305	91	202173	19.753	ug/l	99
79) 2-Chlorotoluene	11.366	91	123962	20.038	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	151271	20.570	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	16966	18.235	ug/l #	81
82) 4-Chlorotoluene	11.457	91	142199	20.251	ug/l	100
83) tert-Butylbenzene	11.720	119	146970	20.577	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	151614	20.677	ug/l	99
85) sec-Butylbenzene	11.896	105	185496	20.514	ug/l	99
86) p-Isopropyltoluene	12.012	119	153690	20.651	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	81553	20.452	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	82228	20.675	ug/l	99
89) n-Butylbenzene	12.335	91	133070	20.026	ug/l	97
90) Hexachloroethane	12.543	117	23561	19.095	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	82193	21.276	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12024	18.892	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	46154	19.851	ug/l	99
94) Hexachlorobutadiene	13.725	225	22931	22.128	ug/l	99
95) Naphthalene	13.780	128	152181	18.562	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	46514	20.087	ug/l	98

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

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