

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024532.D
 Acq On : 04 Oct 2021 19:53
 Operator : JC/MD
 Sample : M3911-07MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-CB-04-(0.5)MSD

Manual Integrations
 APPROVED

MMDadoda
 10/5/2021 6:04:49 PM

Quant Time: Oct 05 03:22:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	164372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	227728	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129650	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104180	44.97	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 89.94%			
35) Dibromofluoromethane	5.391	113	86079	56.90	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.80%			
50) Toluene-d8	8.653	98	281356	50.53	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.06%			
62) 4-Bromofluorobenzene	11.085	95	126654	57.85	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.70%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	81529	49.29	ug/l	99
3) Chloromethane	1.295	50	79063	50.71	ug/l	99
4) Vinyl Chloride	1.374	62	74909	45.93	ug/l	98
5) Bromomethane	1.599	94	43551	39.68	ug/l	98
6) Chloroethane	1.679	64	46601	42.94	ug/l	99
7) Trichlorofluoromethane	1.880	101	123479	42.91	ug/l	98
8) Diethyl Ether	2.136	74	41419	42.28	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	82468	50.82	ug/l	96
10) Methyl Iodide	2.453	142	116427	51.27	ug/l	95
11) Tert butyl alcohol	2.983	59	126095	233.20	ug/l	98
12) 1,1-Dichloroethene	2.319	96	78600	52.16	ug/l	94
13) Acrolein	2.239	56	35950	285.44	ug/l	97
14) Allyl chloride	2.666	41	144263	52.37	ug/l	96
15) Acrylonitrile	3.069	53	283786	269.65	ug/l	98
16) Acetone	2.386	43	255963	262.37	ug/l	92
17) Carbon Disulfide	2.508	76	181825	46.83	ug/l	100
18) Methyl Acetate	2.709	43	168111	48.46	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	301925	53.17	ug/l	98
20) Methylene Chloride	2.788	84	94243	54.47	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	87284	51.01	ug/l	97
22) Diisopropyl ether	3.770	45	294847	52.39	ug/l	96
23) Vinyl Acetate	3.727	43	1099414	241.23	ug/l	95
24) 1,1-Dichloroethane	3.611	63	165429	52.94	ug/l	97
25) 2-Butanone	4.568	43	403021	252.61	ug/l	95
26) 2,2-Dichloropropane	4.483	77	119399	42.47	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	103706	51.86	ug/l	99
28) Bromochloromethane	4.904	49	73770	52.00	ug/l	100
29) Tetrahydrofuran	5.013	42	266822	262.47	ug/l	92
30) Chloroform	5.105	83	176350	51.10	ug/l	100
31) Cyclohexane	5.477	56	138260	49.84	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	156605	51.11	ug/l	99
36) 1,1-Dichloropropene	5.696	75	123784	56.70	ug/l	99
37) Ethyl Acetate	4.727	43	140478	51.54	ug/l	97
38) Carbon Tetrachloride	5.684	117	136417	57.40	ug/l	96
39) Methylcyclohexane	7.385	83	124261	48.61	ug/l	98
40) Benzene	6.044	78	339387	54.37	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	84586	60.09	ug/l	93
42) 1,2-Dichloroethane	6.092	62	138622	52.88	ug/l	94
43) Isopropyl Acetate	6.348	43	213607	51.55	ug/l	94
44) Trichloroethene	7.135	130	84732	49.33	ug/l	95
45) 1,2-Dichloropropane	7.434	63	83367	51.76	ug/l	97
46) Dibromomethane	7.586	93	61917	51.27	ug/l	97
47) Bromodichloromethane	7.824	83	117810	53.23	ug/l	98
48) Methyl methacrylate	7.696	41	106485	51.90	ug/l	86
49) 1,4-Dioxane	7.665	88	44578	948.53	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	716038	261.75	ug/l	91
52) Toluene	8.720	92	208281	51.65	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	131227	52.31	ug/l	97
54) cis-1,3-Dichloropropene	8.373	75	131704	51.63	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	92765	55.63	ug/l	99
56) Ethyl methacrylate	9.122	69	144864	54.59	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	153581	54.59	ug/l	100
59) 2-Hexanone	9.433	43	612923	284.50	ug/l	91
60) Dibromochloromethane	9.525	129	102837	54.25	ug/l	98
61) 1,2-Dibromoethane	9.616	107	107840	58.91	ug/l	100
64) Tetrachloroethene	9.275	164	75635	43.73	ug/l	95
65) Chlorobenzene	10.080	112	310455	59.63	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	99388	51.22	ug/l	99
67) Ethyl Benzene	10.195	91	460694	49.99	ug/l	98
68) m/p-Xylenes	10.305	106	364341	103.10	ug/l	99
69) o-Xylene	10.647	106	182864	52.33	ug/l	98
70) Styrene	10.659	104	304417	52.10	ug/l	100
71) Bromoform	10.805	173	75369	44.83	ug/l	99
73) Isopropylbenzene	10.964	105	470519	51.33	ug/l	99
74) N-amyl acetate	10.848	43	187708	44.52	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	163973	50.59	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	149372m	50.73	ug/l	
77) Bromobenzene	11.201	156	119733	50.77	ug/l	93
78) n-propylbenzene	11.305	91	540877	50.48	ug/l	98
79) 2-Chlorotoluene	11.366	91	331909	50.85	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	406791	51.95	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	50469	47.35	ug/l	98
82) 4-Chlorotoluene	11.457	91	379048	49.36	ug/l	99
83) tert-Butylbenzene	11.719	119	406582	51.79	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	409364	52.58	ug/l	99
85) sec-Butylbenzene	11.896	105	495539	51.31	ug/l	99
86) p-Isopropyltoluene	12.012	119	421145	51.14	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	228135	50.79	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	229890	49.55	ug/l	99
89) n-Butylbenzene	12.335	91	359590	49.31	ug/l	98
90) Hexachloroethane	12.543	117	68142	50.32	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	230276	51.86	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38168	48.77	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	132288	46.79	ug/l	99
94) Hexachlorobutadiene	13.725	225	52322	40.46	ug/l	98
95) Naphthalene	13.780	128	883275	97.61	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	140907	48.64	ug/l	99

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

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