

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090221\
 Data File : VX024084.D
 Acq On : 02 Sep 2021 20:43
 Operator : JC/MD
 Sample : VX0902MBS02
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0902MBS02

Manual Integrations
 APPROVED

Quant Time: Sep 03 05:41:47 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	140777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	223599	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103542	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.964	65	101773	51.798	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.600%	
35) Dibromofluoromethane	5.397	113	75770	51.198	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.400%	
50) Toluene-d8	8.653	98	270143	47.959	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.920%	
62) 4-Bromofluorobenzene	11.085	95	104727	50.506	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.020%	

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Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.173	85	24762	16.672	ug/l	100
3) Chloromethane	1.295	50	26125	16.023	ug/l	96
4) Vinyl Chloride	1.374	62	25626	16.115	ug/l	99
5) Bromomethane	1.599	94	20405	20.409	ug/l	100
6) Chloroethane	1.685	64	17750	15.441	ug/l	100
7) Trichlorofluoromethane	1.886	101	45507	18.121	ug/l	98
8) Diethyl Ether	2.142	74	15929	18.164	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	26222	18.557	ug/l	98
10) Methyl Iodide	2.459	142	31209	15.862	ug/l	90
11) Tert butyl alcohol	2.983	59	36165	91.017	ug/l	100
12) 1,1-Dichloroethene	2.325	96	24252	17.951	ug/l	95
13) Acrolein	2.246	56	19833	83.877	ug/l	97
14) Allyl chloride	2.666	41	43300	17.391	ug/l	89
15) Acrylonitrile	3.075	53	79372	89.653	ug/l	97
16) Acetone	2.392	43	73353	83.497	ug/l	92
17) Carbon Disulfide	2.514	76	52459	16.280	ug/l	99
18) Methyl Acetate	2.715	43	39531	18.025	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	88496	18.820	ug/l	95
20) Methylene Chloride	2.794	84	29174	17.385	ug/l #	84
21) trans-1,2-Dichloroethene	3.099	96	26085	18.076	ug/l	94
22) Diisopropyl ether	3.770	45	90290	18.207	ug/l	89
23) Vinyl Acetate	3.733	43	366142	91.273	ug/l #	93
24) 1,1-Dichloroethane	3.617	63	50387	18.257	ug/l	99
25) 2-Butanone	4.574	43	114831	86.298	ug/l	94
26) 2,2-Dichloropropane	4.483	77	39265	17.335	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	31104	18.114	ug/l	94
28) Bromochloromethane	4.910	49	22895	18.245	ug/l	96
29) Tetrahydrofuran	5.026	42	73739	85.554	ug/l	91
30) Chloroform	5.105	83	55846	19.111	ug/l	97
31) Cyclohexane	5.477	56	42527	16.847	ug/l	95
32) 1,1,1-Trichloroethane	5.397	97	48657	19.445	ug/l	98
36) 1,1-Dichloropropene	5.702	75	38198	18.447	ug/l	100
37) Ethyl Acetate	4.727	43	43251	16.992	ug/l	95
38) Carbon Tetrachloride	5.690	117	43049	19.937	ug/l	96
39) Methylcyclohexane	7.385	83	44380	17.602	ug/l	98
40) Benzene	6.050	78	111746	18.250	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	23689	17.168	ug/l	92
42) 1,2-Dichloroethane	6.099	62	47913	19.910	ug/l	94
43) Isopropyl Acetate	6.349	43	73036	18.344	ug/l #	92
44) Trichloroethene	7.135	130	30961	18.305	ug/l	97
45) 1,2-Dichloropropane	7.440	63	30013	18.459	ug/l	98
46) Dibromomethane	7.586	93	22216	19.635	ug/l	95
47) Bromodichloromethane	7.830	83	38959	19.033	ug/l	99
48) Methyl methacrylate	7.702	41	34786	17.910	ug/l	84
49) 1,4-Dioxane	7.665	88	13780	335.704	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	239808	93.179	ug/l	90
52) Toluene	8.726	92	72897	18.373	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	42084	17.374	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	44037	17.755	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	31096	19.037	ug/l	97
56) Ethyl methacrylate	9.122	69	45864	16.942	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	51171	18.888	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	128443	97.651	ug/l	98
59) 2-Hexanone	9.433	43	187143	94.598	ug/l	85
60) Dibromochloromethane	9.525	129	30200	17.863	ug/l	99
61) 1,2-Dibromoethane	9.616	107	32025	18.559	ug/l	97
64) Tetrachloroethene	9.275	164	31211	18.439	ug/l	92
65) Chlorobenzene	10.080	112	82145	18.575	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	30029	19.079	ug/l	99
67) Ethyl Benzene	10.195	91	141795	18.361	ug/l	97
68) m/p-Xylenes	10.305	106	107756	36.634	ug/l	95
69) o-Xylene	10.647	106	54217	18.757	ug/l	100
70) Styrene	10.659	104	89616	19.030	ug/l	98
71) Bromoform	10.805	173	21809	18.324	ug/l #	97
73) Isopropylbenzene	10.964	105	142595	18.055	ug/l	99
74) N-amyl acetate	10.848	43	62755	17.583	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.214	83	48831	18.866	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	46293m	19.166	ug/l	
77) Bromobenzene	11.201	156	36567	18.799	ug/l	96
78) n-propylbenzene	11.305	91	161304	17.857	ug/l	99
79) 2-Chlorotoluene	11.366	91	99112	18.153	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	120090	18.503	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.025	75	12994	15.825	ug/l #	84
82) 4-Chlorotoluene	11.457	91	112887	18.216	ug/l	99
83) tert-Butylbenzene	11.720	119	117896	18.703	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	119800	18.513	ug/l	100
85) sec-Butylbenzene	11.896	105	147655	18.502	ug/l	100
86) p-Isopropyltoluene	12.012	119	119949	18.262	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	64623	18.363	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	65196	18.574	ug/l	99
89) n-Butylbenzene	12.335	91	104076	17.747	ug/l	97
90) Hexachloroethane	12.543	117	19043	17.611	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	64895	19.034	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9549	17.216	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	36620	17.846	ug/l	97
94) Hexachlorobutadiene	13.725	225	18061	19.748	ug/l	100
95) Naphthalene	13.780	128	120384	16.770	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	36678	17.947	ug/l	98

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

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