

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041723\
 Data File : VX035105.D
 Acq On : 17 Apr 2023 13:38
 Operator : JC/MD
 Sample : VX0417MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417MBS02

Quant Time: Apr 18 05:52:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	229331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	389871	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	341994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	166047	47.343	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.680%
35) Dibromofluoromethane	5.385	113	127146	49.307	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.620%
50) Toluene-d8	8.647	98	434891	45.691	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.380%#
62) 4-Bromofluorobenzene	11.079	95	169487	46.016	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	51234	22.399	ug/l	96
3) Chloromethane	1.295	50	53588	18.712	ug/l	97
4) Vinyl Chloride	1.374	62	50452	17.792	ug/l	100
5) Bromomethane	1.618	94	34778	18.874	ug/l	100
6) Chloroethane	1.691	64	31108	16.862	ug/l	100
7) Trichlorofluoromethane	1.892	101	70754	15.521	ug/l	98
8) Diethyl Ether	2.130	74	34133	21.239	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	45232	18.984	ug/l	98
10) Methyl Iodide	2.453	142	58162	19.602	ug/l	97
11) Tert butyl alcohol	3.014	59	61103	99.296	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	42234	17.939	ug/l	98
13) Acrolein	2.240	56	66253	104.589	ug/l	99
14) Allyl chloride	2.666	41	88938	19.282	ug/l	95
15) Acrylonitrile	3.069	53	159189	114.925	ug/l	98
16) Acetone	2.398	43	139759	98.092	ug/l	96
17) Carbon Disulfide	2.514	76	99709	16.910	ug/l	99
18) Methyl Acetate	2.709	43	117803	23.271	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	193782	22.231	ug/l	97
20) Methylene Chloride	2.788	84	60980	21.689	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	48727	18.977	ug/l	98
22) Diisopropyl ether	3.758	45	195651	21.023	ug/l	98
23) Vinyl Acetate	3.721	43	721724	108.736	ug/l	98
24) 1,1-Dichloroethane	3.611	63	97049	19.381	ug/l	99
25) 2-Butanone	4.562	43	223199	107.694	ug/l	99
26) 2,2-Dichloropropane	4.477	77	69725	16.932	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	61304	20.149	ug/l	96
28) Bromochloromethane	4.904	49	52973	21.626	ug/l	95
29) Tetrahydrofuran	5.013	42	146662	112.960	ug/l	99
30) Chloroform	5.093	83	100382	19.737	ug/l	98
31) Cyclohexane	5.477	56	75277	17.627	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	79748	18.374	ug/l	99
36) 1,1-Dichloropropene	5.696	75	67471	17.661	ug/l	98
37) Ethyl Acetate	4.715	43	88308	22.106	ug/l	97
38) Carbon Tetrachloride	5.684	117	64404	17.881	ug/l	97
39) Methylcyclohexane	7.379	83	68375	16.854	ug/l	97
40) Benzene	6.038	78	214510	19.560	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	49422	22.749	ug/l	99
42) 1,2-Dichloroethane	6.086	62	84759	19.440	ug/l	97
43) Isopropyl Acetate	6.342	43	142087	21.260	ug/l	97
44) Trichloroethene	7.123	130	54626	19.513	ug/l	98
45) 1,2-Dichloropropane	7.428	63	57799	20.225	ug/l	100
46) Dibromomethane	7.580	93	40172	20.430	ug/l	95
47) Bromodichloromethane	7.824	83	70762	19.483	ug/l	99
48) Methyl methacrylate	7.690	41	70679	21.535	ug/l	95
49) 1,4-Dioxane	7.714	88	29402	434.695	ug/l #	77
51) 4-Methyl-2-Pentanone	8.574	43	438624	110.894	ug/l	98
52) Toluene	8.720	92	133951	18.733	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	77947	19.949	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	85564	20.011	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	59294	21.909	ug/l	97
56) Ethyl methacrylate	9.116	69	94475	22.280	ug/l	93
57) 1,3-Dichloropropane	9.305	76	101357	21.148	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	253663	117.489	ug/l	97
59) 2-Hexanone	9.427	43	329515	110.145	ug/l	98
60) Dibromochloromethane	9.519	129	54131	20.997	ug/l	100
61) 1,2-Dibromoethane	9.610	107	61670	21.914	ug/l	100
64) Tetrachloroethene	9.275	164	45786	18.708	ug/l	99
65) Chlorobenzene	10.080	112	142532	20.031	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	51606	21.092	ug/l	99
67) Ethyl Benzene	10.195	91	242453	18.809	ug/l	98
68) m/p-Xylenes	10.299	106	187775	38.135	ug/l	100
69) o-Xylene	10.640	106	94016	19.491	ug/l	98
70) Styrene	10.653	104	156034	20.263	ug/l	98
71) Bromoform	10.799	173	36590	21.987	ug/l #	100
73) Isopropylbenzene	10.964	105	224152	19.146	ug/l	99
74) N-amyl acetate	10.842	43	116501	22.132	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	87380	22.772	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	72947m	22.651	ug/l	
77) Bromobenzene	11.195	156	59833	20.626	ug/l	95
78) n-propylbenzene	11.305	91	247151	18.274	ug/l	99
79) 2-Chlorotoluene	11.366	91	163668	19.167	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	184757	18.874	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	20488	19.066	ug/l	88
82) 4-Chlorotoluene	11.451	91	188089	18.968	ug/l	99
83) tert-Butylbenzene	11.713	119	176214	19.170	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	190508	19.138	ug/l	100
85) sec-Butylbenzene	11.890	105	206748	18.488	ug/l	100
86) p-Isopropyltoluene	12.006	119	178455	19.138	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	103747	19.638	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	106895	19.373	ug/l	99
89) n-Butylbenzene	12.335	91	145206	17.823	ug/l	100
90) Hexachloroethane	12.536	117	25349	17.546	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	107156	20.252	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17832	22.264	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	60169	20.106	ug/l	99
94) Hexachlorobutadiene	13.725	225	24909	18.925	ug/l	99
95) Naphthalene	13.774	128	237001	22.289	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	59196	19.615	ug/l	99

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

