

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021023\
 Data File : VX034087.D
 Acq On : 08 Feb 2023 16:05
 Operator : JC/MD
 Sample : VX0210MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/09/2023
 Supervised By : Semsettin Yesilyurt 02/09/2023

Quant Time: Feb 09 04:53:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	131508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	175570	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58591	46.215	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.420%		
35) Dibromofluoromethane	5.379	113	52361	46.860	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.720%		
50) Toluene-d8	8.647	98	186326	46.282	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.560%		
62) 4-Bromofluorobenzene	11.079	95	70846	49.272	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20769	19.428	ug/l	96
3) Chloromethane	1.294	50	18184	18.025	ug/l	95
4) Vinyl Chloride	1.374	62	17992	17.030	ug/l	100
5) Bromomethane	1.605	94	11782	21.656	ug/l	100
6) Chloroethane	1.684	64	10348	17.712	ug/l	94
7) Trichlorofluoromethane	1.886	101	31609	18.804	ug/l	98
8) Diethyl Ether	2.130	74	10262	17.749	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	20789	18.523	ug/l	90
10) Methyl Iodide	2.453	142	26581	16.718	ug/l	94
11) Tert butyl alcohol	2.946	59	20718	116.641	ug/l #	86
12) 1,1-Dichloroethene	2.319	96	19126	17.763	ug/l	88
13) Acrolein	2.233	56	20596	86.452	ug/l	98
14) Allyl chloride	2.666	41	31109	17.720	ug/l	92
15) Acrylonitrile	3.056	53	51959	91.193	ug/l	99
16) Acetone	2.373	43	49418	92.289	ug/l	99
17) Carbon Disulfide	2.507	76	44345	16.232	ug/l	98
18) Methyl Acetate	2.696	43	31948	19.180	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	63825	19.222	ug/l	98
20) Methylene Chloride	2.788	84	22054	18.003	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	21470	18.307	ug/l	91
22) Diisopropyl ether	3.757	45	63786	18.411	ug/l	92
23) Vinyl Acetate	3.715	43	243912	92.454	ug/l	98
24) 1,1-Dichloroethane	3.605	63	36656	18.356	ug/l	99
25) 2-Butanone	4.544	43	70485	90.399	ug/l	96
26) 2,2-Dichloropropane	4.471	77	27559	18.919	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	24688	18.301	ug/l	95
28) Bromochloromethane	4.891	49	16255	18.514	ug/l	86
29) Tetrahydrofuran	4.995	42	45600	91.953	ug/l	93
30) Chloroform	5.086	83	38905	18.693	ug/l	97
31) Cyclohexane	5.470	56	32913	17.827	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	34327	19.152	ug/l	98
36) 1,1-Dichloropropene	5.690	75	28567	18.647	ug/l	98
37) Ethyl Acetate	4.708	43	27042	18.948	ug/l	96
38) Carbon Tetrachloride	5.672	117	30996	18.970	ug/l	99
39) Methylcyclohexane	7.379	83	36274	18.810	ug/l	94
40) Benzene	6.031	78	83668	18.875	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	15473	19.265	ug/l	95
42) 1,2-Dichloroethane	6.086	62	30662	20.357	ug/l	100
43) Isopropyl Acetate	6.330	43	43722	19.644	ug/l	98
44) Trichloroethene	7.123	130	26159	19.201	ug/l	98
45) 1,2-Dichloropropane	7.427	63	21012	19.199	ug/l	100
46) Dibromomethane	7.580	93	15324	19.544	ug/l	94
47) Bromodichloromethane	7.818	83	29260	19.694	ug/l	98
48) Methyl methacrylate	7.689	41	22224	19.340	ug/l	93
49) 1,4-Dioxane	7.659	88	10285	464.969	ug/l #	94
51) 4-Methyl-2-Pentanone	8.567	43	138761	99.394	ug/l	97
52) Toluene	8.714	92	56079	19.521	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	29373	19.666	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	33347	19.624	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	23015	20.058	ug/l	98
56) Ethyl methacrylate	9.116	69	32360	20.192	ug/l	95
57) 1,3-Dichloropropane	9.305	76	37591	20.055	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	71709	96.171	ug/l	95
59) 2-Hexanone	9.427	43	105442	103.207	ug/l	98
60) Dibromochloromethane	9.518	129	25502	20.053	ug/l	99
61) 1,2-Dibromoethane	9.610	107	24652	19.980	ug/l	99
64) Tetrachloroethene	9.275	164	25032	18.890	ug/l	97
65) Chlorobenzene	10.079	112	63019	19.226	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	24175	19.518	ug/l	100
67) Ethyl Benzene	10.195	91	105829	19.076	ug/l	100
68) m/p-Xylenes	10.299	106	86722	39.107	ug/l	100
69) o-Xylene	10.640	106	41344	19.412	ug/l	95
70) Styrene	10.652	104	69017	19.676	ug/l	99
71) Bromoform	10.799	173	20629	20.418	ug/l #	100
73) Isopropylbenzene	10.963	105	111789	19.369	ug/l	99
74) N-amyl acetate	10.841	43	37617	19.784	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	32568	18.754	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	29925m	20.181	ug/l	
77) Bromobenzene	11.195	156	30763	19.222	ug/l	95
78) n-propylbenzene	11.305	91	122578	19.208	ug/l	99
79) 2-Chlorotoluene	11.366	91	74357	19.244	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	94968	19.768	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8910	18.505	ug/l	99
82) 4-Chlorotoluene	11.457	91	83680	19.148	ug/l	98
83) tert-Butylbenzene	11.713	119	98210	19.787	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	93664	19.515	ug/l	98
85) sec-Butylbenzene	11.890	105	115284	19.414	ug/l	100
86) p-Isopropyltoluene	12.006	119	102237	19.630	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	56511	19.243	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	56589	18.980	ug/l	98
89) n-Butylbenzene	12.335	91	80165	19.632	ug/l	99
90) Hexachloroethane	12.536	117	15710	19.160	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	54623	19.072	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6619	19.383	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	38996	19.270	ug/l	100
94) Hexachlorobutadiene	13.725	225	18816	18.785	ug/l	98
95) Naphthalene	13.774	128	107313	19.301	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	38392	18.887	ug/l	98

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

