

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051023\
 Data File : VX035580.D
 Acq On : 10 May 2023 12:30
 Operator : JC/MD
 Sample : VX0510MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510MBS01

Quant Time: May 11 04:16:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/11/2023
 Supervised By : Mahesh Dadoda 05/11/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	332854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	511449	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	454101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	232176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	187014	46.571	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.140%		
35) Dibromofluoromethane	5.379	113	174805	55.686	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	111.380%		
50) Toluene-d8	8.647	98	616732	52.081	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.160%		
62) 4-Bromofluorobenzene	11.079	95	242604	54.461	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.920%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	53892	15.302	ug/l	99
3) Chloromethane	1.295	50	54531	17.020	ug/l	99
4) Vinyl Chloride	1.374	62	50233	15.632	ug/l	93
5) Bromomethane	1.618	94	27371	12.815	ug/l	98
6) Chloroethane	1.691	64	29313	15.597	ug/l	98
7) Trichlorofluoromethane	1.886	101	79999	15.919	ug/l	98
8) Diethyl Ether	2.130	74	29504	16.103	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	58334	17.380	ug/l	92
10) Methyl Iodide	2.453	142	47886	11.305	ug/l	97
11) Tert butyl alcohol	2.989	59	57184m	78.208	ug/l	
12) 1,1-Dichloroethene	2.319	96	54474	16.850	ug/l	91
13) Acrolein	2.240	56	62956	87.553	ug/l	99
14) Allyl chloride	2.666	41	94058	16.533	ug/l	93
15) Acrylonitrile	3.063	53	145156	79.375	ug/l	99
16) Acetone	2.392	43	134772	77.274	ug/l	94
17) Carbon Disulfide	2.514	76	137861	17.789	ug/l	100
18) Methyl Acetate	2.703	43	108240	16.049	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	195593	17.635	ug/l	97
20) Methylene Chloride	2.788	84	65264	16.320	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	61938	17.641	ug/l	91
22) Diisopropyl ether	3.751	45	191172	16.981	ug/l	94
23) Vinyl Acetate	3.715	43	648059	83.745	ug/l	97
24) 1,1-Dichloroethane	3.605	63	107270	16.916	ug/l	98
25) 2-Butanone	4.556	43	196743	77.286	ug/l	95
26) 2,2-Dichloropropane	4.471	77	91778	18.473	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	72815	17.643	ug/l	91
28) Bromochloromethane	4.898	49	50442	18.666	ug/l #	75
29) Tetrahydrofuran	5.007	42	121472	74.436	ug/l	91
30) Chloroform	5.093	83	112229	17.531	ug/l	99
31) Cyclohexane	5.465	56	95737	16.807	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	102578	18.284	ug/l	95
36) 1,1-Dichloropropene	5.690	75	82552	16.842	ug/l	96
37) Ethyl Acetate	4.709	43	74093	16.550	ug/l #	93
38) Carbon Tetrachloride	5.672	117	88439	19.006	ug/l	97
39) Methylcyclohexane	7.379	83	110139	18.460	ug/l	96
40) Benzene	6.038	78	252089	17.928	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	44483	17.341	ug/l	94
42) 1,2-Dichloroethane	6.086	62	83386	16.633	ug/l	94
43) Isopropyl Acetate	6.336	43	129684	17.240	ug/l #	93
44) Trichloroethene	7.123	130	74361	19.197	ug/l	93
45) 1,2-Dichloropropane	7.428	63	64336	18.149	ug/l	99
46) Dibromomethane	7.580	93	43189	17.741	ug/l #	88
47) Bromodichloromethane	7.818	83	87309	19.466	ug/l	98
48) Methyl methacrylate	7.690	41	62999	17.073	ug/l	89
49) 1,4-Dioxane	7.702	88	28884	321.135	ug/l	92
51) 4-Methyl-2-Pentanone	8.568	43	382954	82.864	ug/l	93
52) Toluene	8.714	92	165247	18.540	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	93400	19.940	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	103991	19.642	ug/l #	89
55) 1,1,2-Trichloroethane	9.147	97	64608	18.184	ug/l	98
56) Ethyl methacrylate	9.116	69	95920	18.122	ug/l #	87
57) 1,3-Dichloropropane	9.305	76	107650	17.713	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	281837	106.492	ug/l	92
59) 2-Hexanone	9.427	43	285499	82.232	ug/l	92
60) Dibromochloromethane	9.519	129	73196	21.501	ug/l	98
61) 1,2-Dibromoethane	9.610	107	68936	18.820	ug/l	99
64) Tetrachloroethene	9.275	164	60944	17.528	ug/l	97
65) Chlorobenzene	10.080	112	180438	18.366	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	68576	20.056	ug/l	99
67) Ethyl Benzene	10.195	91	316205	18.585	ug/l	100
68) m/p-Xylenes	10.299	106	249965	38.341	ug/l	94
69) o-Xylene	10.640	106	123889	19.379	ug/l	95
70) Styrene	10.653	104	201846	19.473	ug/l	96
71) Bromoform	10.799	173	53977	22.696	ug/l	99
73) Isopropylbenzene	10.957	105	322671	19.012	ug/l	100
74) N-amyl acetate	10.842	43	110884	17.385	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	96179	18.258	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	78224m	16.890	ug/l	
77) Bromobenzene	11.195	156	80853	19.165	ug/l	87
78) n-propylbenzene	11.305	91	354049	18.164	ug/l	97
79) 2-Chlorotoluene	11.366	91	218186	17.913	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	271938	19.003	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	30264	21.164	ug/l	88
82) 4-Chlorotoluene	11.451	91	248742	18.183	ug/l	96
83) tert-Butylbenzene	11.713	119	280421	19.530	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	274621	19.099	ug/l	98
85) sec-Butylbenzene	11.890	105	329252	18.694	ug/l	98
86) p-Isopropyltoluene	12.006	119	287551	19.196	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	152305	18.997	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	151668	18.043	ug/l	98
89) n-Butylbenzene	12.329	91	231906	18.339	ug/l	98
90) Hexachloroethane	12.536	117	47462	20.698	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	148603	18.532	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19229	18.204	ug/l	72
93) 1,2,4-Trichlorobenzene	13.585	180	97370	19.318	ug/l	99
94) Hexachlorobutadiene	13.725	225	43597	19.708	ug/l	97
95) Naphthalene	13.774	128	300804	19.386	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	95883	18.897	ug/l	99

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

