

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050223\
 Data File : VX035470.D
 Acq On : 02 May 2023 11:41
 Operator : JC/MD
 Sample : VX0502MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/03/2023
 Supervised By : Mahesh Dadoda 05/03/2023

Quant Time: May 03 03:14:37 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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	257831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	395120	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	352211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	150533	48.394	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.780%		
35) Dibromofluoromethane	5.385	113	126634	52.217	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.440%		
50) Toluene-d8	8.647	98	466449	50.987	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.980%		
62) 4-Bromofluorobenzene	11.079	95	179745	52.229	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	52660	19.302	ug/l	97
3) Chloromethane	1.295	50	42070	16.951	ug/l	92
4) Vinyl Chloride	1.374	62	45660	18.343	ug/l	98
5) Bromomethane	1.618	94	26721	16.151	ug/l	99
6) Chloroethane	1.691	64	25200	17.310	ug/l	98
7) Trichlorofluoromethane	1.892	101	75245	19.330	ug/l	96
8) Diethyl Ether	2.130	74	24451	17.228	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	49294	18.960	ug/l	96
10) Methyl Iodide	2.453	142	50074	15.261	ug/l	99
11) Tert butyl alcohol	2.989	59	45010	79.470	ug/l	100
12) 1,1-Dichloroethene	2.319	96	45066	17.996	ug/l	98
13) Acrolein	2.233	56	52444	94.156	ug/l	99
14) Allyl chloride	2.660	41	75011	17.021	ug/l	99
15) Acrylonitrile	3.063	53	122005	86.128	ug/l	99
16) Acetone	2.386	43	122226	90.472	ug/l	98
17) Carbon Disulfide	2.514	76	101859	16.968	ug/l	99
18) Methyl Acetate	2.703	43	94427	18.075	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	163289	19.007	ug/l	96
20) Methylene Chloride	2.788	84	51750	16.706	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	48864	17.967	ug/l	92
22) Diisopropyl ether	3.757	45	158617	18.189	ug/l	90
23) Vinyl Acetate	3.715	43	555878	92.734	ug/l	99
24) 1,1-Dichloroethane	3.611	63	90200	18.363	ug/l	98
25) 2-Butanone	4.556	43	170342	86.385	ug/l	94
26) 2,2-Dichloropropane	4.471	77	75378	19.587	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	58379	18.261	ug/l	94
28) Bromochloromethane	4.891	49	42797	20.445	ug/l #	81
29) Tetrahydrofuran	5.007	42	106075	83.915	ug/l	94
30) Chloroform	5.087	83	94889	19.135	ug/l	100
31) Cyclohexane	5.465	56	79431	18.001	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	85346	19.639	ug/l	96
36) 1,1-Dichloropropene	5.690	75	71469	18.874	ug/l	98
37) Ethyl Acetate	4.709	43	65521	18.945	ug/l	97
38) Carbon Tetrachloride	5.672	117	72316	20.117	ug/l	98
39) Methylcyclohexane	7.379	83	87374	18.956	ug/l	100
40) Benzene	6.031	78	201987	18.594	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	36560	18.448	ug/l	94
42) 1,2-Dichloroethane	6.086	62	74805	19.314	ug/l	97
43) Isopropyl Acetate	6.336	43	108837	18.728	ug/l #	94
44) Trichloroethene	7.123	130	57231	19.125	ug/l	98
45) 1,2-Dichloropropane	7.428	63	52160	19.046	ug/l	100
46) Dibromomethane	7.580	93	36145	19.219	ug/l	92
47) Bromodichloromethane	7.818	83	68290	19.708	ug/l	97
48) Methyl methacrylate	7.690	41	53198	18.662	ug/l	91
49) 1,4-Dioxane	7.702	88	23827	342.904	ug/l	94
51) 4-Methyl-2-Pentanone	8.568	43	329344	92.244	ug/l	96
52) Toluene	8.714	92	131100	19.040	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	73594	20.337	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	82922	20.274	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	53280	19.410	ug/l	96
56) Ethyl methacrylate	9.116	69	81904	20.030	ug/l #	88
57) 1,3-Dichloropropane	9.305	76	91598	19.510	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	167927	82.132	ug/l	94
59) 2-Hexanone	9.427	43	250862	93.528	ug/l	94
60) Dibromochloromethane	9.519	129	55239	21.004	ug/l	97
61) 1,2-Dibromoethane	9.610	107	55590	19.645	ug/l	100
64) Tetrachloroethene	9.269	164	51299	19.022	ug/l	95
65) Chlorobenzene	10.080	112	144428	18.953	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	53879	20.316	ug/l	98
67) Ethyl Benzene	10.195	91	255168	19.336	ug/l	100
68) m/p-Xylenes	10.299	106	195816	38.725	ug/l	100
69) o-Xylene	10.640	106	96410	19.443	ug/l	100
70) Styrene	10.653	104	159250	19.808	ug/l	98
71) Bromoform	10.799	173	38177	20.696	ug/l #	98
73) Isopropylbenzene	10.964	105	260966	20.116	ug/l	100
74) N-amyl acetate	10.842	43	93734	19.226	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	75889	18.847	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	61955m	17.501	ug/l	
77) Bromobenzene	11.195	156	63929	19.824	ug/l	90
78) n-propylbenzene	11.305	91	293478	19.698	ug/l	99
79) 2-Chlorotoluene	11.366	91	176900	19.001	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	219741	20.088	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	19893	18.200	ug/l	99
82) 4-Chlorotoluene	11.451	91	201484	19.268	ug/l	97
83) tert-Butylbenzene	11.713	119	218239	19.884	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	219310	19.954	ug/l	98
85) sec-Butylbenzene	11.890	105	263623	19.582	ug/l	100
86) p-Isopropyltoluene	12.012	119	228068	19.919	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	118453	19.329	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	121972	18.983	ug/l	99
89) n-Butylbenzene	12.329	91	187548	19.403	ug/l	98
90) Hexachloroethane	12.536	117	35370	20.180	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	116106	18.942	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15141	18.752	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	76829	19.941	ug/l	99
94) Hexachlorobutadiene	13.725	225	32213	19.051	ug/l	99
95) Naphthalene	13.774	128	246422	20.776	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	76342	19.684	ug/l	98

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

