

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053023\
 Data File : VX035903.D
 Acq On : 30 May 2023 14:04
 Operator : JC/MD
 Sample : VX0530MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/31/2023

Quant Time: May 30 16:32:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 07:45:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	215383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	381629	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	346164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	189618	49.541	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.080%		
35) Dibromofluoromethane	5.385	113	131041	49.989	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.980%		
50) Toluene-d8	8.646	98	476091	49.487	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.980%		
62) 4-Bromofluorobenzene	11.079	95	191872	50.620	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53826	18.792	ug/l	97
3) Chloromethane	1.294	50	54508	18.456	ug/l	96
4) Vinyl Chloride	1.373	62	53108	18.720	ug/l	99
5) Bromomethane	1.617	94	30907	18.180	ug/l	94
6) Chloroethane	1.690	64	30721	19.381	ug/l	98
7) Trichlorofluoromethane	1.886	101	80586	18.929	ug/l	95
8) Diethyl Ether	2.129	74	30591	19.567	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	48270	19.129	ug/l	99
10) Methyl Iodide	2.452	142	46583	18.198	ug/l	98
11) Tert butyl alcohol	3.001	59	63219m	94.849	ug/l	
12) 1,1-Dichloroethene	2.318	96	44292	18.727	ug/l	99
13) Acrolein	2.239	56	64917	98.215	ug/l	99
14) Allyl chloride	2.666	41	88268	18.891	ug/l	99
15) Acrylonitrile	3.068	53	139257	91.339	ug/l	99
16) Acetone	2.392	43	143962	93.166	ug/l	97
17) Carbon Disulfide	2.513	76	99756	18.210	ug/l	100
18) Methyl Acetate	2.702	43	112982	18.936	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	172081	18.871	ug/l	99
20) Methylene Chloride	2.788	84	52181	17.986	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	48272	18.514	ug/l	99
22) Diisopropyl ether	3.757	45	180021	19.187	ug/l	98
23) Vinyl Acetate	3.721	43	637505	97.538	ug/l	99
24) 1,1-Dichloroethane	3.611	63	97025	18.738	ug/l	97
25) 2-Butanone	4.562	43	213686	95.603	ug/l	100
26) 2,2-Dichloropropane	4.476	77	76938	19.269	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	57437	18.938	ug/l	99
28) Bromochloromethane	4.897	49	54872	21.869	ug/l	99
29) Tetrahydrofuran	5.013	42	135600	93.772	ug/l	99
30) Chloroform	5.092	83	103336	19.454	ug/l	99
31) Cyclohexane	5.470	56	85422	18.790	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	89906	19.588	ug/l	100
36) 1,1-Dichloropropene	5.690	75	71579	17.982	ug/l	99
37) Ethyl Acetate	4.708	43	80012	18.569	ug/l	99
38) Carbon Tetrachloride	5.678	117	70888	18.895	ug/l	89
39) Methylcyclohexane	7.378	83	84560	18.618	ug/l	98
40) Benzene	6.037	78	206759	18.545	ug/l	99

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41) Methacrylonitrile	4.922	41	45239	18.443	ug/l	98
42) 1,2-Dichloroethane	6.086	62	90146	19.142	ug/l	100
43) Isopropyl Acetate	6.336	43	129965	18.822	ug/l	100
44) Trichloroethene	7.122	130	51984	18.718	ug/l	95
45) 1,2-Dichloropropane	7.427	63	53676	18.257	ug/l	99
46) Dibromomethane	7.580	93	38460	19.051	ug/l	98
47) Bromodichloromethane	7.823	83	73655	19.574	ug/l	99
48) Methyl methacrylate	7.689	41	65154	18.382	ug/l	99
49) 1,4-Dioxane	7.720	88	27977m	369.868	ug/l	
51) 4-Methyl-2-Pentanone	8.573	43	413804	96.270	ug/l	98
52) Toluene	8.720	92	131231	18.742	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	74338	19.131	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	81997	19.333	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	53504	19.274	ug/l	98
56) Ethyl methacrylate	9.116	69	81454	18.636	ug/l	97
57) 1,3-Dichloropropane	9.305	76	94592	18.786	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	227299	98.291	ug/l	100
59) 2-Hexanone	9.427	43	313443	96.478	ug/l	99
60) Dibromochloromethane	9.518	129	49881	19.639	ug/l	99
61) 1,2-Dibromoethane	9.610	107	54810	18.750	ug/l	99
64) Tetrachloroethene	9.274	164	43003	18.353	ug/l	95
65) Chlorobenzene	10.079	112	136509	18.524	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	48151	19.044	ug/l	99
67) Ethyl Benzene	10.195	91	255194	18.664	ug/l	99
68) m/p-Xylenes	10.299	106	191083	37.773	ug/l	100
69) o-Xylene	10.640	106	94243	18.753	ug/l	99
70) Styrene	10.652	104	156463	18.952	ug/l	99
71) Bromoform	10.799	173	31308	19.152	ug/l #	97
73) Isopropylbenzene	10.963	105	252188	19.132	ug/l	99
74) N-amyl acetate	10.841	43	110217	19.225	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	82503	19.149	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	71710m	17.680	ug/l	
77) Bromobenzene	11.195	156	54949	18.481	ug/l	95
78) n-propylbenzene	11.305	91	296889	19.324	ug/l	100
79) 2-Chlorotoluene	11.366	91	182036	18.690	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	215910	19.225	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	19820	20.416	ug/l	92
82) 4-Chlorotoluene	11.451	91	212148	19.141	ug/l	100
83) tert-Butylbenzene	11.713	119	201926	18.730	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	215167	19.131	ug/l	99
85) sec-Butylbenzene	11.890	105	257807	19.135	ug/l	100
86) p-Isopropyltoluene	12.006	119	215181	19.100	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	106426	18.754	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	108689	18.592	ug/l	99
89) n-Butylbenzene	12.335	91	188032	18.989	ug/l	99
90) Hexachloroethane	12.536	117	30818	18.909	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	107587	19.194	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	18148	20.128	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	63189	19.173	ug/l	99
94) Hexachlorobutadiene	13.725	225	25227	19.090	ug/l	97
95) Naphthalene	13.774	128	218915	19.119	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	60155	18.316	ug/l	97

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

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