

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035501.D
 Acq On : 03 May 2023 11:47
 Operator : JC/MD
 Sample : VX0503MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/03/2023
 Supervised By : Mahesh Dadoda 05/04/2023

Quant Time: May 03 15:18:15 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	5.550	168	256921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	399712	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	352831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	161744	52.182	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.360%			
35) Dibromofluoromethane	5.385	113	136032	55.448	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.900%			
50) Toluene-d8	8.647	98	491167	53.072	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.140%			
62) 4-Bromofluorobenzene	11.079	95	190657	54.764	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53845	19.807	ug/l	98
3) Chloromethane	1.294	50	42006	16.985	ug/l	99
4) Vinyl Chloride	1.374	62	45791	18.461	ug/l	100
5) Bromomethane	1.617	94	28847	17.498	ug/l	98
6) Chloroethane	1.691	64	25635	17.671	ug/l	100
7) Trichlorofluoromethane	1.892	101	76981	19.846	ug/l	99
8) Diethyl Ether	2.136	74	26136	18.480	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	50183	19.370	ug/l	93
10) Methyl Iodide	2.453	142	54182	16.571	ug/l	98
11) Tert butyl alcohol	2.995	59	57787	102.391	ug/l	98
12) 1,1-Dichloroethene	2.319	96	46927	18.806	ug/l	98
13) Acrolein	2.239	56	51994	93.679	ug/l	98
14) Allyl chloride	2.666	41	80206	18.265	ug/l	98
15) Acrylonitrile	3.062	53	135653	96.102	ug/l	99
16) Acetone	2.386	43	135452	100.617	ug/l	99
17) Carbon Disulfide	2.514	76	101627	16.989	ug/l	99
18) Methyl Acetate	2.703	43	103037	19.793	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	177322	20.713	ug/l	96
20) Methylene Chloride	2.788	84	55076	17.843	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	51343	18.945	ug/l	93
22) Diisopropyl ether	3.757	45	168352	19.373	ug/l #	96
23) Vinyl Acetate	3.721	43	597622	100.051	ug/l	97
24) 1,1-Dichloroethane	3.611	63	95732	19.558	ug/l	99
25) 2-Butanone	4.562	43	192645	98.042	ug/l	96
26) 2,2-Dichloropropane	4.471	77	80283	20.936	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	62491	19.616	ug/l	94
28) Bromochloromethane	4.897	49	48072	23.046	ug/l #	80
29) Tetrahydrofuran	5.007	42	118880	94.378	ug/l	94
30) Chloroform	5.092	83	101269	20.494	ug/l	97
31) Cyclohexane	5.470	56	80949	18.410	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	88548	20.448	ug/l	96
36) 1,1-Dichloropropene	5.696	75	73476	19.181	ug/l	98
37) Ethyl Acetate	4.715	43	71601	20.465	ug/l	96
38) Carbon Tetrachloride	5.678	117	76876	21.140	ug/l	93
39) Methylcyclohexane	7.379	83	87252	18.712	ug/l	98
40) Benzene	6.037	78	214992	19.564	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	40841	20.372	ug/l	96
42) 1,2-Dichloroethane	6.086	62	78871	20.130	ug/l	98
43) Isopropyl Acetate	6.336	43	117135	19.924	ug/l	95
44) Trichloroethene	7.123	130	60346	19.934	ug/l	98
45) 1,2-Dichloropropane	7.427	63	56326	20.331	ug/l	97
46) Dibromomethane	7.580	93	38718	20.351	ug/l	92
47) Bromodichloromethane	7.818	83	75248	21.467	ug/l	94
48) Methyl methacrylate	7.690	41	58865	20.412	ug/l	92
49) 1,4-Dioxane	7.708	88	26483	376.749	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	365676	101.244	ug/l	95
52) Toluene	8.720	92	139322	20.001	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	79567	21.735	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	88985	21.506	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	56919	20.498	ug/l	98
56) Ethyl methacrylate	9.116	69	88980	21.511	ug/l #	88
57) 1,3-Dichloropropane	9.305	76	96161	20.246	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	201588	97.463	ug/l	94
59) 2-Hexanone	9.427	43	279435	102.984	ug/l	94
60) Dibromochloromethane	9.519	129	58235	21.889	ug/l	100
61) 1,2-Dibromoethane	9.610	107	59572	20.810	ug/l	99
64) Tetrachloroethene	9.269	164	52623	19.479	ug/l	96
65) Chlorobenzene	10.079	112	153489	20.107	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	56537	21.281	ug/l	97
67) Ethyl Benzene	10.195	91	270000	20.424	ug/l	98
68) m/p-Xylenes	10.299	106	209999	41.456	ug/l	97
69) o-Xylene	10.640	106	103217	20.780	ug/l	100
70) Styrene	10.652	104	170454	21.164	ug/l	97
71) Bromoform	10.799	173	41047	22.213	ug/l #	100
73) Isopropylbenzene	10.963	105	271785	21.107	ug/l	100
74) N-amyl acetate	10.841	43	103187	21.324	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	84506	21.144	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	68652m	19.538	ug/l	
77) Bromobenzene	11.201	156	68176	21.300	ug/l	90
78) n-propylbenzene	11.305	91	303564	20.527	ug/l	99
79) 2-Chlorotoluene	11.366	91	190201	20.582	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	231691	21.339	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22201	20.463	ug/l	98
82) 4-Chlorotoluene	11.451	91	214765	20.692	ug/l	98
83) tert-Butylbenzene	11.713	119	229744	21.089	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	233362	21.391	ug/l	98
85) sec-Butylbenzene	11.890	105	274130	20.515	ug/l	100
86) p-Isopropyltoluene	12.006	119	237211	20.872	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	126340	20.770	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	127299	19.960	ug/l	99
89) n-Butylbenzene	12.335	91	189585	19.761	ug/l	99
90) Hexachloroethane	12.536	117	36663	21.074	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	126047	20.718	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17897	22.332	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	79105	20.686	ug/l	99
94) Hexachlorobutadiene	13.725	225	33807	20.143	ug/l	99
95) Naphthalene	13.774	128	266960	22.676	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	79448	20.638	ug/l	99

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

