

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032673.D
 Acq On : 09 Nov 2022 12:49
 Operator : JC/MD
 Sample : VX1109MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2022
 Supervised By : Mahesh Dadoda 11/10/2022

Quant Time: Nov 10 03:03:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	102311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	158978	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71460	50.268	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.540%			
35) Dibromofluoromethane	5.385	113	57197	50.438	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.880%			
50) Toluene-d8	8.647	98	188903	47.906	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.820%			
62) 4-Bromofluorobenzene	11.079	95	76515	49.675	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.360%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	22199	18.813	ug/l	100
3) Chloromethane	1.295	50	18515	18.553	ug/l	100
4) Vinyl Chloride	1.374	62	20606	18.762	ug/l	96
5) Bromomethane	1.612	94	16762	19.098	ug/l	87
6) Chloroethane	1.691	64	18293	24.828	ug/l	98
7) Trichlorofluoromethane	1.886	101	40539	19.481	ug/l	100
8) Diethyl Ether	2.130	74	13864	20.558	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	22360	20.358	ug/l	100
10) Methyl Iodide	2.453	142	22873	19.921	ug/l	100
11) Tert butyl alcohol	2.983	59	17987	86.931	ug/l	99
12) 1,1-Dichloroethene	2.319	96	19713	19.213	ug/l	96
13) Acrolein	2.239	56	16773	81.202	ug/l	99
14) Allyl chloride	2.666	41	31918	19.515	ug/l	99
15) Acrylonitrile	3.069	53	54706	97.421	ug/l	99
16) Acetone	2.386	43	49442	95.692	ug/l	99
17) Carbon Disulfide	2.514	76	39472	16.151	ug/l	98
18) Methyl Acetate	2.703	43	36514	21.732	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	75495	20.935	ug/l	99
20) Methylene Chloride	2.788	84	24259	20.478	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	21145	18.933	ug/l	96
22) Diisopropyl ether	3.757	45	75369	21.304	ug/l #	87
23) Vinyl Acetate	3.721	43	288439	100.915	ug/l	99
24) 1,1-Dichloroethane	3.611	63	41402	20.346	ug/l	99
25) 2-Butanone	4.562	43	75799	94.691	ug/l	98
26) 2,2-Dichloropropane	4.471	77	33315	20.595	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	26630	20.628	ug/l	98
28) Bromochloromethane	4.898	49	14872	20.518	ug/l	99
29) Tetrahydrofuran	5.013	42	47900	93.841	ug/l	98
30) Chloroform	5.099	83	47590	21.313	ug/l	99
31) Cyclohexane	5.471	56	33563	19.472	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	40880	20.402	ug/l	99
36) 1,1-Dichloropropene	5.696	75	31641	20.037	ug/l	98
37) Ethyl Acetate	4.715	43	30637	18.638	ug/l	98
38) Carbon Tetrachloride	5.678	117	34997	19.981	ug/l	99
39) Methylcyclohexane	7.379	83	36016	19.276	ug/l	98
40) Benzene	6.038	78	91576	20.493	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	17312	20.674	ug/l	99
42) 1,2-Dichloroethane	6.086	62	39424	21.582	ug/l	100
43) Isopropyl Acetate	6.336	43	51850	20.544	ug/l	100
44) Trichloroethene	7.129	130	25725	20.449	ug/l	98
45) 1,2-Dichloropropane	7.434	63	24415	21.284	ug/l	98
46) Dibromomethane	7.586	93	18392	20.906	ug/l	99
47) Bromodichloromethane	7.824	83	34958	20.966	ug/l	99
48) Methyl methacrylate	7.696	41	26097	20.021	ug/l	98
49) 1,4-Dioxane	7.696	88	9301	374.425	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	161380	101.516	ug/l	99
52) Toluene	8.720	92	60126	20.623	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	34732	20.416	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	37829	20.790	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	26300	21.419	ug/l	98
56) Ethyl methacrylate	9.116	69	36876	20.870	ug/l	97
57) 1,3-Dichloropropane	9.305	76	41935	21.149	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	92099	108.248	ug/l	100
59) 2-Hexanone	9.433	43	118232	100.232	ug/l	100
60) Dibromochloromethane	9.519	129	26859	20.027	ug/l	99
61) 1,2-Dibromoethane	9.610	107	27104	20.833	ug/l	100
64) Tetrachloroethene	9.275	164	22402	21.415	ug/l	99
65) Chlorobenzene	10.080	112	66851	20.881	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	25768	21.385	ug/l	97
67) Ethyl Benzene	10.195	91	119588	20.888	ug/l	100
68) m/p-Xylenes	10.299	106	92607	41.656	ug/l	100
69) o-Xylene	10.640	106	46166	21.358	ug/l	100
70) Styrene	10.659	104	74125	20.635	ug/l	99
71) Bromoform	10.799	173	18497	19.416	ug/l #	100
73) Isopropylbenzene	10.964	105	122288	20.099	ug/l	100
74) N-amyl acetate	10.842	43	46349	20.161	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	39299	20.123	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	35285m	20.656	ug/l	
77) Bromobenzene	11.195	156	30178	20.231	ug/l	100
78) n-propylbenzene	11.305	91	140496	20.042	ug/l	99
79) 2-Chlorotoluene	11.366	91	85334	20.327	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	105390	20.267	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9598	17.879	ug/l	91
82) 4-Chlorotoluene	11.457	91	98365	20.024	ug/l	99
83) tert-Butylbenzene	11.713	119	102418	19.728	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	106147	20.523	ug/l	100
85) sec-Butylbenzene	11.890	105	125969	20.165	ug/l	100
86) p-Isopropyltoluene	12.012	119	107491	20.279	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	57193	20.326	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	57868	19.824	ug/l	99
89) n-Butylbenzene	12.335	91	92086	19.969	ug/l	99
90) Hexachloroethane	12.536	117	16501	19.059	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	56846	20.489	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7720	18.029	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	36036	19.920	ug/l	97
94) Hexachlorobutadiene	13.725	225	15246	20.180	ug/l	99
95) Naphthalene	13.774	128	115789	19.209	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	35256	19.172	ug/l	99

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

