

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031653.D
 Acq On : 26 Sep 2022 17:03
 Operator : JC/MD
 Sample : VX0926MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926MBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022

Quant Time: Sep 27 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	56353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	87880	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59183	49.482	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.960%		
35) Dibromofluoromethane	5.385	113	49870	47.626	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.260%		
50) Toluene-d8	8.653	98	194627	51.269	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.540%		
62) 4-Bromofluorobenzene	11.079	95	73893	53.108	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	14295	20.844	ug/l	100
3) Chloromethane	1.288	50	15493	23.952	ug/l	95
4) Vinyl Chloride	1.367	62	20611	21.838	ug/l	94
5) Bromomethane	1.611	94	26737	29.154	ug/l	100
6) Chloroethane	1.684	64	20674	17.656	ug/l	94
7) Trichlorofluoromethane	1.886	101	49902	19.428	ug/l	99
8) Diethyl Ether	2.130	74	17081	23.824	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.325	101	14931	19.932	ug/l	92
10) Methyl Iodide	2.453	142	14700	20.021	ug/l	99
11) Tert butyl alcohol	2.989	59	16332	87.457	ug/l	100
12) 1,1-Dichloroethene	2.319	96	13587	22.061	ug/l	87
13) Acrolein	2.239	56	8989	109.815	ug/l	100
14) Allyl chloride	2.660	41	19326	19.609	ug/l	91
15) Acrylonitrile	3.068	53	41084	98.976	ug/l	99
16) Acetone	2.386	43	33424	110.051	ug/l	95
17) Carbon Disulfide	2.508	76	26224	19.969	ug/l	97
18) Methyl Acetate	2.703	43	21758	20.244	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	52966	19.910	ug/l	91
20) Methylene Chloride	2.788	84	16389	20.676	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	16236	19.606	ug/l	89
22) Diisopropyl ether	3.763	45	51540	20.319	ug/l	95
23) Vinyl Acetate	3.727	43	208550	103.961	ug/l	96
24) 1,1-Dichloroethane	3.611	63	29400	20.105	ug/l	98
25) 2-Butanone	4.562	43	57436	100.606	ug/l	94
26) 2,2-Dichloropropane	4.471	77	21658	18.247	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	19703	19.427	ug/l	89
28) Bromochloromethane	4.897	49	15463	22.604	ug/l	87
29) Tetrahydrofuran	5.013	42	37014	103.207	ug/l	89
30) Chloroform	5.092	83	35183	19.557	ug/l	98
31) Cyclohexane	5.476	56	22912	20.147	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	30557	20.508	ug/l	99
36) 1,1-Dichloropropene	5.690	75	23047	19.165	ug/l	99
37) Ethyl Acetate	4.721	43	24096	19.866	ug/l	99
38) Carbon Tetrachloride	5.678	117	26299	19.405	ug/l	97
39) Methylcyclohexane	7.379	83	24595	17.951	ug/l	92
40) Benzene	6.043	78	71630	19.394	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	12495	20.245	ug/l	94
42) 1,2-Dichloroethane	6.086	62	28381	19.869	ug/l	98
43) Isopropyl Acetate	6.342	43	39240	20.555	ug/l	99
44) Trichloroethene	7.123	130	20098	19.266	ug/l	87
45) 1,2-Dichloropropane	7.427	63	17078	19.053	ug/l	92
46) Dibromomethane	7.586	93	13947	19.375	ug/l	93
47) Bromodichloromethane	7.824	83	26155	20.135	ug/l	100
48) Methyl methacrylate	7.696	41	17282	20.584	ug/l #	85
49) 1,4-Dioxane	7.696	88	8906	411.644	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	130221	107.766	ug/l	98
52) Toluene	8.720	92	51741	21.017	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	26018	18.573	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	26738	19.806	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	21375	20.166	ug/l	98
56) Ethyl methacrylate	9.116	69	28504	21.018	ug/l	92
57) 1,3-Dichloropropane	9.311	76	33529	19.974	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	69489	104.058	ug/l	92
59) 2-Hexanone	9.433	43	99275	110.113	ug/l	98
60) Dibromochloromethane	9.518	129	21586	18.444	ug/l	100
61) 1,2-Dibromoethane	9.610	107	22634	21.036	ug/l	97
64) Tetrachloroethene	9.275	164	20771	18.572	ug/l	96
65) Chlorobenzene	10.079	112	57340	19.670	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	20682	19.718	ug/l	98
67) Ethyl Benzene	10.195	91	100224	20.211	ug/l	98
68) m/p-Xylenes	10.305	106	83304	41.809	ug/l	97
69) o-Xylene	10.640	106	39496	20.280	ug/l	98
70) Styrene	10.658	104	66309	20.917	ug/l	98
71) Bromoform	10.799	173	15211	18.347	ug/l #	97
73) Isopropylbenzene	10.963	105	106915	20.164	ug/l	98
74) N-amyl acetate	10.847	43	35797	20.813	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	34065	20.220	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	29077m	19.563	ug/l	
77) Bromobenzene	11.201	156	26111	19.372	ug/l	95
78) n-propylbenzene	11.305	91	122961	20.840	ug/l	100
79) 2-Chlorotoluene	11.366	91	74249	20.379	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	94161	20.950	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7793	19.800	ug/l	89
82) 4-Chlorotoluene	11.457	91	87853	20.872	ug/l	99
83) tert-Butylbenzene	11.713	119	92908	21.436	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	94720	21.291	ug/l	100
85) sec-Butylbenzene	11.890	105	113578	20.619	ug/l	99
86) p-Isopropyltoluene	12.012	119	96096	20.230	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	51319	19.639	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	54320	19.859	ug/l	99
89) n-Butylbenzene	12.335	91	80815	20.827	ug/l	98
90) Hexachloroethane	12.542	117	14537	19.085	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	52805	20.179	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7066	20.931	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	30306	19.804	ug/l	95
94) Hexachlorobutadiene	13.725	225	10964	18.374	ug/l	95
95) Naphthalene	13.780	128	106420	20.819	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	31155	19.837	ug/l	94

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

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