

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031214.D
 Acq On : 08 Sep 2022 16:17
 Operator : JC/MD
 Sample : VX0908MBS01
 Misc : 5.00g/10mL/100uL/5.00M1/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908MBS01

Manual Integrations
 APPROVED

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

Quant Time: Sep 08 18:40:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	38593	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	68822	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	73520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54875	60.057	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.120%			
35) Dibromofluoromethane	5.385	113	37242	49.658	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.320%			
50) Toluene-d8	8.653	98	132905	48.776	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.560%			
62) 4-Bromofluorobenzene	11.079	95	54323	54.401	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.800%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	14971	24.139	ug/l	95
3) Chloromethane	1.288	50	9145	19.189	ug/l	98
4) Vinyl Chloride	1.374	62	10969	19.497	ug/l	# 88
5) Bromomethane	1.605	94	7962	22.150	ug/l	97
6) Chloroethane	1.678	64	7802	24.721	ug/l	93
7) Trichlorofluoromethane	1.880	101	29745	24.264	ug/l	98
8) Diethyl Ether	2.136	74	7577	21.760	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	15450	22.286	ug/l	98
10) Methyl Iodide	2.447	142	15109	17.625	ug/l	# 76
11) Tert butyl alcohol	2.995	59	24271	136.333	ug/l	# 88
12) 1,1-Dichloroethene	2.312	96	13636	20.927	ug/l	92
13) Acrolein	2.239	56	12195	96.101	ug/l	100
14) Allyl chloride	2.666	41	17288	19.750	ug/l	# 68
15) Acrylonitrile	3.068	53	37568	107.980	ug/l	96
16) Acetone	2.386	43	38074	120.346	ug/l	88
17) Carbon Disulfide	2.508	76	32226	20.116	ug/l	99
18) Methyl Acetate	2.709	43	17347	21.180	ug/l	# 84
19) Methyl tert-butyl Ether	3.117	73	54663	23.619	ug/l	# 87
20) Methylene Chloride	2.788	84	15660	21.060	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	14435	19.994	ug/l	93
22) Diisopropyl ether	3.763	45	36573	19.898	ug/l	# 88
23) Vinyl Acetate	3.721	43	169763	110.035	ug/l	95
24) 1,1-Dichloroethane	3.611	63	26618	21.833	ug/l	97
25) 2-Butanone	4.562	43	52186	111.362	ug/l	98
26) 2,2-Dichloropropane	4.477	77	27506	25.212	ug/l	88
27) cis-1,2-Dichloroethene	4.489	96	17156	20.697	ug/l	92
28) Bromochloromethane	4.897	49	9129	20.650	ug/l	# 73
29) Tetrahydrofuran	5.007	42	29974	108.338	ug/l	# 77
30) Chloroform	5.092	83	32126	22.277	ug/l	94
31) Cyclohexane	5.477	56	20259	19.841	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	30876	23.754	ug/l	98
36) 1,1-Dichloropropene	5.696	75	21552	19.189	ug/l	96
37) Ethyl Acetate	4.721	43	19928	20.001	ug/l	# 96
38) Carbon Tetrachloride	5.678	117	27352	23.146	ug/l	93
39) Methylcyclohexane	7.379	83	25662	20.005	ug/l	92
40) Benzene	6.037	78	59021	19.344	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	9939	19.077	ug/l #	78
42) 1,2-Dichloroethane	6.086	62	28219	22.590	ug/l	92
43) Isopropyl Acetate	6.348	43	32151	20.466	ug/l #	94
44) Trichloroethene	7.129	130	16950	19.764	ug/l	84
45) 1,2-Dichloropropane	7.433	63	13911	18.553	ug/l	94
46) Dibromomethane	7.580	93	12596	21.185	ug/l	93
47) Bromodichloromethane	7.824	83	25239	21.822	ug/l	98
48) Methyl methacrylate	7.696	41	15899	20.784	ug/l	86
49) 1,4-Dioxane	7.683	88	9379	444.126	ug/l	91
51) 4-Methyl-2-Pentanone	8.574	43	102246	106.290	ug/l	92
52) Toluene	8.720	92	39249	19.504	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	26470	21.969	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	27300	21.105	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	16090	19.447	ug/l	97
56) Ethyl methacrylate	9.116	69	26634	21.850	ug/l	91
57) 1,3-Dichloropropane	9.311	76	28244	19.757	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	53202	92.608	ug/l	91
59) 2-Hexanone	9.433	43	77929	107.125	ug/l	93
60) Dibromochloromethane	9.525	129	18770	22.005	ug/l	99
61) 1,2-Dibromoethane	9.610	107	19333	21.027	ug/l	98
64) Tetrachloroethene	9.275	164	15548	20.315	ug/l	93
65) Chlorobenzene	10.079	112	42653	19.705	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	17358	20.530	ug/l	94
67) Ethyl Benzene	10.195	91	78629	20.045	ug/l	98
68) m/p-Xylenes	10.305	106	58445	40.192	ug/l	84
69) o-Xylene	10.646	106	28340	19.528	ug/l	80
70) Styrene	10.659	104	49051	21.077	ug/l	92
71) Bromoform	10.799	173	13090	23.237	ug/l #	92
73) Isopropylbenzene	10.963	105	81730	19.713	ug/l	96
74) N-amyl acetate	10.848	43	25344	19.200	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	25376	19.607	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	24624m	18.897	ug/l	
77) Bromobenzene	11.201	156	18369	20.385	ug/l	99
78) n-propylbenzene	11.305	91	91581	19.378	ug/l	99
79) 2-Chlorotoluene	11.366	91	57441	19.618	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	69220	19.859	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.024	75	8132	20.125	ug/l	90
82) 4-Chlorotoluene	11.457	91	67728	19.993	ug/l	93
83) tert-Butylbenzene	11.719	119	67221	19.563	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	70157	20.704	ug/l	92
85) sec-Butylbenzene	11.890	105	84123	19.768	ug/l	99
86) p-Isopropyltoluene	12.012	119	69444	20.199	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	33514	20.011	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	33401	19.393	ug/l	96
89) n-Butylbenzene	12.335	91	59261	19.992	ug/l	98
90) Hexachloroethane	12.542	117	12425	21.034	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	33417	20.347	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7563	21.277	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	19276	20.070	ug/l	96
94) Hexachlorobutadiene	13.725	225	8680	21.283	ug/l	95
95) Naphthalene	13.780	128	77206	20.521	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	19815	20.265	ug/l	97

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

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