

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032043.D
 Acq On : 11 Oct 2022 17:41
 Operator : JC/MD
 Sample : VX1011MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/12/2022
 Supervised By : Mahesh Dadoda 10/12/2022

Quant Time: Oct 12 05:16:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	64710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	101000	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69681	52.141	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.280%			
35) Dibromofluoromethane	5.385	113	55793	48.802	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.600%			
50) Toluene-d8	8.653	98	201384	48.953	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.900%			
62) 4-Bromofluorobenzene	11.079	95	73503	50.540	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21105	21.915	ug/l	98
3) Chloromethane	1.288	50	19245	19.084	ug/l	98
4) Vinyl Chloride	1.374	62	21958	18.632	ug/l	95
5) Bromomethane	1.611	94	18424	22.125	ug/l	98
6) Chloroethane	1.685	64	17254	17.204	ug/l	94
7) Trichlorofluoromethane	1.886	101	42830	20.218	ug/l	99
8) Diethyl Ether	2.136	74	14140	19.582	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	20548	19.190	ug/l	93
10) Methyl Iodide	2.453	142	17323	17.779	ug/l	99
11) Tert butyl alcohol	2.989	59	20472	123.125	ug/l	98
12) 1,1-Dichloroethene	2.319	96	18682	18.954	ug/l	91
13) Acrolein	2.239	56	9385	87.779	ug/l	96
14) Allyl chloride	2.660	41	29310	20.899	ug/l	99
15) Acrylonitrile	3.068	53	54591	102.993	ug/l	99
16) Acetone	2.386	43	46231	101.788	ug/l	99
17) Carbon Disulfide	2.508	76	38440	18.161	ug/l	99
18) Methyl Acetate	2.703	43	32822	21.902	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	66689	20.162	ug/l	96
20) Methylene Chloride	2.788	84	22206	18.605	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	20891	19.139	ug/l	95
22) Diisopropyl ether	3.757	45	66758	21.174	ug/l #	83
23) Vinyl Acetate	3.721	43	257764	109.374	ug/l	97
24) 1,1-Dichloroethane	3.611	63	38148	20.185	ug/l	98
25) 2-Butanone	4.562	43	73718	103.828	ug/l	100
26) 2,2-Dichloropropane	4.471	77	25634	18.883	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	24345	18.640	ug/l	92
28) Bromochloromethane	4.903	49	17605	21.762	ug/l	88
29) Tetrahydrofuran	5.013	42	47040	102.683	ug/l	96
30) Chloroform	5.092	83	42290	20.089	ug/l	91
31) Cyclohexane	5.470	56	30478	19.091	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	36556	20.434	ug/l	99
36) 1,1-Dichloropropene	5.690	75	29398	19.392	ug/l	98
37) Ethyl Acetate	4.721	43	30458	21.340	ug/l	99
38) Carbon Tetrachloride	5.678	117	30049	19.385	ug/l	96
39) Methylcyclohexane	7.379	83	33907	18.751	ug/l	94
40) Benzene	6.044	78	85799	19.327	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	16245	21.888	ug/l	98
42) 1,2-Dichloroethane	6.092	62	34299	21.203	ug/l	99
43) Isopropyl Acetate	6.342	43	46276	21.370	ug/l	100
44) Trichloroethene	7.129	130	23486	18.043	ug/l	98
45) 1,2-Dichloropropane	7.434	63	22359	20.495	ug/l	99
46) Dibromomethane	7.580	93	16704	19.757	ug/l	95
47) Bromodichloromethane	7.824	83	29821	20.417	ug/l	99
48) Methyl methacrylate	7.696	41	22291	21.542	ug/l	92
49) 1,4-Dioxane	7.690	88	9981	383.795	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	154179	107.438	ug/l	99
52) Toluene	8.720	92	56668	19.524	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	28437	18.857	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	32082	20.282	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	23698	19.344	ug/l	97
56) Ethyl methacrylate	9.116	69	33527	21.351	ug/l	96
57) 1,3-Dichloropropane	9.311	76	38965	19.793	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	84763	104.569	ug/l	96
59) 2-Hexanone	9.433	43	112930	106.727	ug/l	99
60) Dibromochloromethane	9.518	129	22941	20.462	ug/l	98
61) 1,2-Dibromoethane	9.610	107	24193	19.638	ug/l	99
64) Tetrachloroethene	9.275	164	22451	18.034	ug/l	96
65) Chlorobenzene	10.079	112	62102	18.587	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	21535	18.627	ug/l	95
67) Ethyl Benzene	10.195	91	107793	19.070	ug/l	100
68) m/p-Xylenes	10.305	106	84417	37.582	ug/l	97
69) o-Xylene	10.646	106	40467	18.535	ug/l	96
70) Styrene	10.659	104	68873	19.734	ug/l	99
71) Bromoform	10.799	173	14794	19.547	ug/l #	98
73) Isopropylbenzene	10.963	105	110044	18.986	ug/l	99
74) N-amyl acetate	10.841	43	38543	21.775	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	35419	19.233	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31008m	19.687	ug/l	
77) Bromobenzene	11.201	156	26403	18.493	ug/l	99
78) n-propylbenzene	11.305	91	127150	19.287	ug/l	98
79) 2-Chlorotoluene	11.366	91	76276	19.226	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	94683	19.696	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7062	18.362	ug/l #	75
82) 4-Chlorotoluene	11.457	91	88728	19.528	ug/l	98
83) tert-Butylbenzene	11.713	119	91649	19.263	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	94028	19.254	ug/l	99
85) sec-Butylbenzene	11.890	105	116123	19.714	ug/l	99
86) p-Isopropyltoluene	12.012	119	98175	19.795	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	50637	18.627	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	52144	18.635	ug/l	98
89) n-Butylbenzene	12.335	91	84440	20.331	ug/l	98
90) Hexachloroethane	12.542	117	14320	18.991	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	50325	18.619	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7156	21.228	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	30877	18.822	ug/l	99
94) Hexachlorobutadiene	13.725	225	13550	20.422	ug/l	99
95) Naphthalene	13.774	128	108315	19.269	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	31728	19.067	ug/l	99

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

