

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021123\
 Data File : VX034100.D
 Acq On : 09 Feb 2023 12:50
 Operator : JC/MD
 Sample : VX0211MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211MBS01

Quant Time: Feb 09 13:17:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/09/2023
 Supervised By : Semsettin Yesilyurt 02/10/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	136386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	186836	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61304	46.625	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.260%		
35) Dibromofluoromethane	5.385	113	54858	46.135	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.260%		
50) Toluene-d8	8.647	98	192659	44.970	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.940%#		
62) 4-Bromofluorobenzene	11.079	95	71670	46.840	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21319	19.229	ug/l	94
3) Chloromethane	1.294	50	17182	16.422	ug/l	96
4) Vinyl Chloride	1.374	62	17916	16.351	ug/l	99
5) Bromomethane	1.611	94	10456	18.531	ug/l	96
6) Chloroethane	1.691	64	10436	17.224	ug/l	99
7) Trichlorofluoromethane	1.892	101	32068	18.394	ug/l	96
8) Diethyl Ether	2.136	74	10432	17.397	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	20763	17.838	ug/l	91
10) Methyl Iodide	2.453	142	27637	16.760	ug/l	95
11) Tert butyl alcohol	2.959	59	17936	97.367	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	19419	17.390	ug/l	92
13) Acrolein	2.233	56	21644	87.601	ug/l	98
14) Allyl chloride	2.666	41	30885	16.963	ug/l	91
15) Acrylonitrile	3.062	53	52584	88.989	ug/l	99
16) Acetone	2.373	43	50201	90.398	ug/l	96
17) Carbon Disulfide	2.514	76	46184	16.301	ug/l	98
18) Methyl Acetate	2.703	43	31922	18.479	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	64769	18.809	ug/l	99
20) Methylene Chloride	2.788	84	21993	17.311	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	21462	17.646	ug/l	94
22) Diisopropyl ether	3.757	45	63833	17.766	ug/l	98
23) Vinyl Acetate	3.721	43	241404	88.231	ug/l	97
24) 1,1-Dichloroethane	3.611	63	37224	17.974	ug/l	99
25) 2-Butanone	4.556	43	71090	87.914	ug/l	96
26) 2,2-Dichloropropane	4.477	77	28116	18.611	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	25406	18.160	ug/l	94
28) Bromochloromethane	4.897	49	17102	18.782	ug/l	85
29) Tetrahydrofuran	5.001	42	45403	88.281	ug/l	94
30) Chloroform	5.092	83	40689	18.851	ug/l	99
31) Cyclohexane	5.470	56	33341	17.413	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	35277	18.978	ug/l	99
36) 1,1-Dichloropropene	5.696	75	29330	17.991	ug/l	99
37) Ethyl Acetate	4.708	43	26377	17.368	ug/l	96
38) Carbon Tetrachloride	5.678	117	32653	18.779	ug/l	97
39) Methylcyclohexane	7.379	83	36245	17.662	ug/l	95
40) Benzene	6.037	78	85671	18.162	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	15597	18.249	ug/l	95
42) 1,2-Dichloroethane	6.086	62	31318	19.538	ug/l	100
43) Isopropyl Acetate	6.336	43	42921	18.121	ug/l	98
44) Trichloroethene	7.123	130	26882	18.542	ug/l	90
45) 1,2-Dichloropropane	7.434	63	21244	18.241	ug/l	99
46) Dibromomethane	7.580	93	16193	19.407	ug/l	94
47) Bromodichloromethane	7.824	83	30202	19.102	ug/l	99
48) Methyl methacrylate	7.690	41	21963	17.960	ug/l	91
49) 1,4-Dioxane	7.671	88	10083	428.350	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	136856	92.118	ug/l	97
52) Toluene	8.720	92	57018	18.651	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	29676	18.671	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	33134	18.323	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	23309	19.089	ug/l	97
56) Ethyl methacrylate	9.116	69	32092	18.817	ug/l	97
57) 1,3-Dichloropropane	9.305	76	37347	18.723	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	68957	86.903	ug/l	96
59) 2-Hexanone	9.427	43	102587	94.357	ug/l	97
60) Dibromochloromethane	9.518	129	26151	19.324	ug/l	100
61) 1,2-Dibromoethane	9.610	107	25057	19.084	ug/l	100
64) Tetrachloroethene	9.275	164	25737	18.614	ug/l	98
65) Chlorobenzene	10.079	112	63889	18.682	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	24961	19.315	ug/l	98
67) Ethyl Benzene	10.195	91	108368	18.722	ug/l	100
68) m/p-Xylenes	10.299	106	86452	37.364	ug/l	98
69) o-Xylene	10.640	106	42638	19.188	ug/l	100
70) Styrene	10.652	104	69075	18.873	ug/l	98
71) Bromoform	10.799	173	20551	19.495	ug/l #	99
73) Isopropylbenzene	10.963	105	112574	19.053	ug/l	99
74) N-amyl acetate	10.841	43	35423	18.199	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	32129	18.073	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	29296m	19.299	ug/l	
77) Bromobenzene	11.195	156	30785	18.790	ug/l	96
78) n-propylbenzene	11.305	91	121851	18.652	ug/l	98
79) 2-Chlorotoluene	11.366	91	73288	18.528	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	94305	19.176	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	8518	17.281	ug/l	97
82) 4-Chlorotoluene	11.457	91	84254	18.833	ug/l	98
83) tert-Butylbenzene	11.713	119	96161	18.926	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	94038	19.140	ug/l	98
85) sec-Butylbenzene	11.890	105	113272	18.633	ug/l	99
86) p-Isopropyltoluene	12.006	119	101281	18.996	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	55455	18.447	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	55250	18.102	ug/l	98
89) n-Butylbenzene	12.335	91	77005	18.421	ug/l	99
90) Hexachloroethane	12.536	117	15462	18.421	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	54484	18.583	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6709	19.192	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	37955	18.322	ug/l	99
94) Hexachlorobutadiene	13.725	225	17728	17.289	ug/l	97
95) Naphthalene	13.774	128	104990	18.446	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	37380	17.963	ug/l	99

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

