

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
 Data File : VX034340.D
 Acq On : 06 Mar 2023 11:25
 Operator : JC/MD
 Sample : VX0306MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2023
 Supervised By : Semsettin Yesilyurt 03/07/2023

Quant Time: Mar 07 00:35:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	274597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	451395	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	406443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	205017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156144	42.222	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.440%		
35) Dibromofluoromethane	5.385	113	128514	43.727	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.460%		
50) Toluene-d8	8.646	98	470916	44.628	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.260%#		
62) 4-Bromofluorobenzene	11.079	95	182548	45.227	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49714	20.951	ug/l	99
3) Chloromethane	1.300	50	67477	19.761	ug/l	96
4) Vinyl Chloride	1.373	62	68961	22.176	ug/l	96
5) Bromomethane	1.605	94	41694	33.152	ug/l	98
6) Chloroethane	1.684	64	39188	25.067	ug/l	97
7) Trichlorofluoromethane	1.886	101	104410	24.817	ug/l	100
8) Diethyl Ether	2.129	74	39795	23.479	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	59563	20.103	ug/l	94
10) Methyl Iodide	2.453	142	69842	19.360	ug/l	94
11) Tert butyl alcohol	2.952	59	78384	94.765	ug/l #	83
12) 1,1-Dichloroethene	2.318	96	56735	19.102	ug/l	98
13) Acrolein	2.233	56	35620	94.339	ug/l	97
14) Allyl chloride	2.666	41	114697	18.205	ug/l	91
15) Acrylonitrile	3.062	53	185252	102.665	ug/l	99
16) Acetone	2.373	43	165121	86.555	ug/l	94
17) Carbon Disulfide	2.513	76	154567	18.101	ug/l	100
18) Methyl Acetate	2.702	43	122465	20.747	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	215568	20.565	ug/l	98
20) Methylene Chloride	2.788	84	67105	19.522	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	62093	19.951	ug/l	95
22) Diisopropyl ether	3.757	45	234212	21.205	ug/l	97
23) Vinyl Acetate	3.721	43	926516	104.700	ug/l	99
24) 1,1-Dichloroethane	3.611	63	120192	19.822	ug/l	99
25) 2-Butanone	4.550	43	267344	96.854	ug/l	99
26) 2,2-Dichloropropane	4.470	77	102214	18.608	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	75045	20.363	ug/l	94
28) Bromochloromethane	4.897	49	41065	15.182	ug/l	86
29) Tetrahydrofuran	5.001	42	173100	102.798	ug/l	99
30) Chloroform	5.092	83	119276	20.485	ug/l	98
31) Cyclohexane	5.470	56	109327	19.801	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	105605	20.233	ug/l	98
36) 1,1-Dichloropropene	5.690	75	89174	20.516	ug/l	98
37) Ethyl Acetate	4.708	43	103427	21.292	ug/l	100
38) Carbon Tetrachloride	5.678	117	89736	20.063	ug/l	98
39) Methylcyclohexane	7.378	83	112777	20.162	ug/l	99
40) Benzene	6.037	78	271127	21.049	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	57384	21.202	ug/l	99
42) 1,2-Dichloroethane	6.086	62	96023	21.196	ug/l	99
43) Isopropyl Acetate	6.336	43	179975	20.995	ug/l	99
44) Trichloroethene	7.122	130	69836	21.127	ug/l	97
45) 1,2-Dichloropropane	7.427	63	73468	21.426	ug/l	99
46) Dibromomethane	7.580	93	48174	21.347	ug/l	87
47) Bromodichloromethane	7.823	83	92714	20.019	ug/l	97
48) Methyl methacrylate	7.689	41	83409	20.501	ug/l	97
49) 1,4-Dioxane	7.659	88	35930	442.743	ug/l #	98
51) 4-Methyl-2-Pentanone	8.573	43	534886	113.414	ug/l	99
52) Toluene	8.720	92	169838	21.761	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	108621	20.376	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	113819	19.944	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	69337	22.009	ug/l	98
56) Ethyl methacrylate	9.116	69	112355	21.082	ug/l	96
57) 1,3-Dichloropropane	9.305	76	121182	22.109	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	218832	94.789	ug/l	95
59) 2-Hexanone	9.427	43	402620	112.018	ug/l	97
60) Dibromochloromethane	9.518	129	73890	21.227	ug/l	99
61) 1,2-Dibromoethane	9.610	107	73244	21.983	ug/l	99
64) Tetrachloroethene	9.274	164	59923	20.889	ug/l	94
65) Chlorobenzene	10.079	112	179618	21.201	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	68184	20.789	ug/l	98
67) Ethyl Benzene	10.195	91	326246	21.434	ug/l	99
68) m/p-Xylenes	10.299	106	249671	42.863	ug/l	95
69) o-Xylene	10.640	106	123694	21.331	ug/l	95
70) Styrene	10.658	104	202166	21.436	ug/l	97
71) Bromoform	10.799	173	52723	19.693	ug/l #	98
73) Isopropylbenzene	10.963	105	319720	20.462	ug/l	99
74) N-amyl acetate	10.841	43	156955	19.995	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	106944	20.011	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	88320m	17.120	ug/l	
77) Bromobenzene	11.195	156	77127	20.512	ug/l	88
78) n-propylbenzene	11.305	91	372813	20.516	ug/l	97
79) 2-Chlorotoluene	11.366	91	224432	20.142	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	269203	20.492	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	35073	17.465	ug/l	95
82) 4-Chlorotoluene	11.451	91	257758	20.310	ug/l	96
83) tert-Butylbenzene	11.713	119	273120	20.300	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	267277	20.122	ug/l	98
85) sec-Butylbenzene	11.890	105	333588	20.417	ug/l	97
86) p-Isopropyltoluene	12.012	119	279659	20.682	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	143827	20.396	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	147167	20.691	ug/l	97
89) n-Butylbenzene	12.335	91	240327	19.955	ug/l	98
90) Hexachloroethane	12.536	117	53022	18.754	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	145165	21.040	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22277	17.481	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	87116	19.667	ug/l	97
94) Hexachlorobutadiene	13.725	225	34887	18.998	ug/l	98
95) Naphthalene	13.774	128	296201	19.850	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	87542	19.906	ug/l	98

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

