

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026988.D
 Acq On : 11 Feb 2022 23:48
 Operator : JC/MD
 Sample : VX0211MBSD01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211MBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2022
 Supervised By : Mahesh Dadoda 02/15/2022

Quant Time: Feb 12 04:39:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	85628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	142220	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54792	53.306	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.620%			
35) Dibromofluoromethane	5.391	113	43417	51.241	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.480%			
50) Toluene-d8	8.653	98	163820	52.671	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.340%			
62) 4-Bromofluorobenzene	11.079	95	60572	55.316	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	16870	18.119	ug/l	98
3) Chloromethane	1.294	50	16076	18.560	ug/l	100
4) Vinyl Chloride	1.380	62	16617	18.327	ug/l	97
5) Bromomethane	1.611	94	7180	18.661	ug/l	99
6) Chloroethane	1.691	64	10104	18.556	ug/l	100
7) Trichlorofluoromethane	1.892	101	24526	18.381	ug/l	95
8) Diethyl Ether	2.136	74	9021	18.251	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	16080	18.385	ug/l	99
10) Methyl Iodide	2.459	142	19796	17.837	ug/l	99
11) Tert butyl alcohol	2.971	59	17805	95.886	ug/l	97
12) 1,1-Dichloroethene	2.325	96	15876	18.116	ug/l	93
13) Acrolein	2.239	56	14830	86.421	ug/l	97
14) Allyl chloride	2.672	41	28866	18.596	ug/l	96
15) Acrylonitrile	3.068	53	53391	100.337	ug/l	98
16) Acetone	2.386	43	46148	102.221	ug/l	93
17) Carbon Disulfide	2.520	76	40753	16.428	ug/l	100
18) Methyl Acetate	2.709	43	23871	18.378	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	55925	18.030	ug/l	99
20) Methylene Chloride	2.794	84	18408	18.818	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	16828	18.249	ug/l	98
22) Diisopropyl ether	3.763	45	58686	18.778	ug/l	97
23) Vinyl Acetate	3.727	43	246569	93.839	ug/l	99
24) 1,1-Dichloroethane	3.617	63	32192	19.036	ug/l	99
25) 2-Butanone	4.562	43	74446	102.351	ug/l	98
26) 2,2-Dichloropropane	4.477	77	19725	17.263	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	20253	19.129	ug/l	95
28) Bromochloromethane	4.903	49	14230	20.299	ug/l	97
29) Tetrahydrofuran	5.007	42	49094	99.283	ug/l	99
30) Chloroform	5.105	83	33147	18.866	ug/l	99
31) Cyclohexane	5.476	56	29107	17.822	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	28134	18.162	ug/l	99
36) 1,1-Dichloropropene	5.696	75	23882	17.866	ug/l	98
37) Ethyl Acetate	4.721	43	28090	18.491	ug/l	99
38) Carbon Tetrachloride	5.684	117	25113	17.916	ug/l	98
39) Methylcyclohexane	7.385	83	28686	17.499	ug/l	99
40) Benzene	6.043	78	71088	18.248	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	15511	18.839	ug/l	96
42) 1,2-Dichloroethane	6.092	62	26725	19.468	ug/l	99
43) Isopropyl Acetate	6.342	43	43181	18.475	ug/l	99
44) Trichloroethene	7.129	130	20773	17.759	ug/l	92
45) 1,2-Dichloropropane	7.433	63	18319	18.585	ug/l	97
46) Dibromomethane	7.586	93	12867	18.866	ug/l	99
47) Bromodichloromethane	7.824	83	24528	18.779	ug/l	97
48) Methyl methacrylate	7.696	41	21744	18.775	ug/l	98
49) 1,4-Dioxane	7.677	88	8413	421.563	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	143494	101.310	ug/l	98
52) Toluene	8.720	92	45875	18.599	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	23158	17.286	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	26621	18.458	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	18305	19.603	ug/l	99
56) Ethyl methacrylate	9.116	69	28385	19.177	ug/l	97
57) 1,3-Dichloropropane	9.311	76	31482	19.634	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	70557	92.873	ug/l	98
59) 2-Hexanone	9.433	43	106964	103.247	ug/l	97
60) Dibromochloromethane	9.525	129	18555	19.312	ug/l	99
61) 1,2-Dibromoethane	9.610	107	19287	19.550	ug/l	99
64) Tetrachloroethene	9.275	164	21563	16.589	ug/l	97
65) Chlorobenzene	10.079	112	49531	18.506	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	17418	17.691	ug/l	99
67) Ethyl Benzene	10.195	91	87126	18.392	ug/l	100
68) m/p-Xylenes	10.305	106	67364	36.960	ug/l	98
69) o-Xylene	10.640	106	33049	18.505	ug/l	95
70) Styrene	10.658	104	54395	18.779	ug/l	99
71) Bromoform	10.799	173	12481	17.618	ug/l #	98
73) Isopropylbenzene	10.963	105	85847	18.611	ug/l	99
74) N-amyl acetate	10.847	43	33340	18.089	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	24628	19.674	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	25223m	19.676	ug/l	
77) Bromobenzene	11.201	156	20464	18.663	ug/l	97
78) n-propylbenzene	11.305	91	96832	18.936	ug/l	100
79) 2-Chlorotoluene	11.366	91	58882	18.636	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	71871	18.931	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	6155	17.386	ug/l	97
82) 4-Chlorotoluene	11.457	91	67302	18.987	ug/l	99
83) tert-Butylbenzene	11.719	119	68009	18.795	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	70987	18.538	ug/l	97
85) sec-Butylbenzene	11.890	105	86791	18.923	ug/l	99
86) p-Isopropyltoluene	12.012	119	71450	18.388	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	36670	18.251	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	36472	18.000	ug/l	98
89) n-Butylbenzene	12.335	91	57771	18.172	ug/l	100
90) Hexachloroethane	12.542	117	10760	19.160	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	36239	18.693	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5285	17.168	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	21358	17.457	ug/l	99
94) Hexachlorobutadiene	13.725	225	8968	17.329	ug/l	99
95) Naphthalene	13.780	128	75866	17.703	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	21657	17.481	ug/l	99

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

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