

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100422\
 Data File : VX031874.D
 Acq On : 04 Oct 2022 17:06
 Operator : JC/MD
 Sample : VX1004MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/05/2022
 Supervised By : Mahesh Dadoda 10/05/2022

Quant Time: Oct 05 06:25:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	143454	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	191521	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98512	38.331	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	76.660%		
35) Dibromofluoromethane	5.385	113	104636	45.984	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.960%		
50) Toluene-d8	8.647	98	367675	45.168	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.340%		
62) 4-Bromofluorobenzene	11.079	95	134693	45.949	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.900%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	37504	20.223	ug/l	100
3) Chloromethane	1.288	50	26388	13.573	ug/l	97
4) Vinyl Chloride	1.374	62	34341	13.867	ug/l	98
5) Bromomethane	1.611	94	30594	15.712	ug/l	100
6) Chloroethane	1.685	64	31719	13.943	ug/l	97
7) Trichlorofluoromethane	1.886	101	69096	13.672	ug/l	99
8) Diethyl Ether	2.130	74	23631	15.241	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.325	101	36047	16.511	ug/l	# 78
10) Methyl Iodide	2.453	142	35311	17.230	ug/l	94
11) Tert butyl alcohol	3.001	59	35577m	99.430	ug/l	
12) 1,1-Dichloroethene	2.319	96	34049	16.984	ug/l	# 71
13) Acrolein	2.239	56	15636	73.810	ug/l	99
14) Allyl chloride	2.666	41	34237	13.379	ug/l	# 93
15) Acrylonitrile	3.069	53	73618	78.767	ug/l	99
16) Acetone	2.392	43	57619	85.231	ug/l	# 86
17) Carbon Disulfide	2.508	76	62428	11.390	ug/l	98
18) Methyl Acetate	2.709	43	39286	16.342	ug/l	# 82
19) Methyl tert-butyl Ether	3.111	73	105954	16.235	ug/l	100
20) Methylene Chloride	2.788	84	37685	16.761	ug/l	# 78
21) trans-1,2-Dichloroethene	3.093	96	37123	15.796	ug/l	# 82
22) Diisopropyl ether	3.764	45	82505	15.205	ug/l	# 90
23) Vinyl Acetate	3.721	43	310842	76.584	ug/l	# 87
24) 1,1-Dichloroethane	3.611	63	53940	14.792	ug/l	92
25) 2-Butanone	4.562	43	92729	78.631	ug/l	# 81
26) 2,2-Dichloropropane	4.477	77	37685	12.105	ug/l	89
27) cis-1,2-Dichloroethene	4.489	96	44613	16.326	ug/l	75
28) Bromochloromethane	4.897	49	20828	14.133	ug/l	# 30
29) Tetrahydrofuran	5.013	42	58751	80.686	ug/l	# 74
30) Chloroform	5.099	83	65989	15.127	ug/l	98
31) Cyclohexane	5.477	56	46606	15.226	ug/l	# 84
32) 1,1,1-Trichloroethane	5.379	97	58787	14.201	ug/l	# 94
36) 1,1-Dichloropropene	5.696	75	46045	16.319	ug/l	92
37) Ethyl Acetate	4.715	43	36047	16.878	ug/l	# 90
38) Carbon Tetrachloride	5.678	117	51786	14.785	ug/l	98
39) Methylcyclohexane	7.385	83	59675	17.240	ug/l	# 83
40) Benzene	6.037	78	139522	17.118	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	19989	17.223	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	46021	16.117	ug/l	90
43) Isopropyl Acetate	6.342	43	56917	16.482	ug/l #	87
44) Trichloroethene	7.129	130	48963	18.594	ug/l	80
45) 1,2-Dichloropropane	7.434	63	31703	16.602	ug/l	94
46) Dibromomethane	7.580	93	27752	17.436	ug/l #	74
47) Bromodichloromethane	7.824	83	45650	14.331	ug/l	99
48) Methyl methacrylate	7.696	41	26710	17.285	ug/l #	80
49) 1,4-Dioxane	7.708	88	19029	379.925	ug/l #	82
51) 4-Methyl-2-Pentanone	8.574	43	190055	87.678	ug/l	89
52) Toluene	8.720	92	98342	17.210	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	41741	13.742	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	49025	14.729	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	40480	17.773	ug/l	95
56) Ethyl methacrylate	9.116	69	48690	18.489	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	61147	17.287	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	118084	87.015	ug/l #	77
59) 2-Hexanone	9.433	43	140820	89.361	ug/l	86
60) Dibromochloromethane	9.525	129	40683	14.714	ug/l	98
61) 1,2-Dibromoethane	9.610	107	44740	17.690	ug/l	98
64) Tetrachloroethene	9.275	164	50976	19.968	ug/l	90
65) Chlorobenzene	10.079	112	115800	18.703	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	40701	17.078	ug/l	97
67) Ethyl Benzene	10.195	91	187095	18.357	ug/l	96
68) m/p-Xylenes	10.305	106	159455	37.896	ug/l	90
69) o-Xylene	10.640	106	77681	19.163	ug/l	88
70) Styrene	10.659	104	123139	18.689	ug/l	94
71) Bromoform	10.799	173	28821	14.381	ug/l #	98
73) Isopropylbenzene	10.963	105	198854	18.158	ug/l	98
74) N-amyl acetate	10.848	43	46307	18.054	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	56442	18.107	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	47276m	16.760	ug/l	
77) Bromobenzene	11.201	156	56669	19.620	ug/l	78
78) n-propylbenzene	11.305	91	212634	17.765	ug/l	93
79) 2-Chlorotoluene	11.366	91	128510	17.769	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	169691	18.556	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	9375	11.409	ug/l #	82
82) 4-Chlorotoluene	11.457	91	146824	17.588	ug/l	90
83) tert-Butylbenzene	11.713	119	167504	18.122	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	175917	19.329	ug/l	94
85) sec-Butylbenzene	11.890	105	200192	17.992	ug/l	95
86) p-Isopropyltoluene	12.012	119	181457	18.686	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	103218	18.939	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	105583	18.549	ug/l	96
89) n-Butylbenzene	12.335	91	132203	17.236	ug/l	96
90) Hexachloroethane	12.536	117	22707	12.962	ug/l	77
91) 1,2-Dichlorobenzene	12.335	146	105701	19.366	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9652	14.725	ug/l #	46
93) 1,2,4-Trichlorobenzene	13.591	180	68559	20.524	ug/l	98
94) Hexachlorobutadiene	13.725	225	27971	20.349	ug/l	97
95) Naphthalene	13.774	128	230037	22.108	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	70163	21.660	ug/l	97

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

