

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
 Data File : VX031893.D
 Acq On : 05 Oct 2022 14:33
 Operator : JC/MD
 Sample : VX1005MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/06/2022
 Supervised By : Mahesh Dadoda 10/06/2022

Quant Time: Oct 05 14:58:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 05 12:20:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	115376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	157813	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87923	50.596	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.200%			
35) Dibromofluoromethane	5.385	113	90156	52.215	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.420%			
50) Toluene-d8	8.647	98	314614	51.440	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.880%			
62) 4-Bromofluorobenzene	11.079	95	116071	52.760	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	27564	20.631	ug/l	96
3) Chloromethane	1.288	50	22429	18.991	ug/l	98
4) Vinyl Chloride	1.368	62	29400	19.319	ug/l	94
5) Bromomethane	1.612	94	30050	21.114	ug/l	98
6) Chloroethane	1.685	64	21436	16.345	ug/l	99
7) Trichlorofluoromethane	1.886	101	60517	19.130	ug/l	100
8) Diethyl Ether	2.130	74	20616	19.461	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.331	101	29459	19.244	ug/l #	82
10) Methyl Iodide	2.453	142	26566	17.254	ug/l	98
11) Tert butyl alcohol	2.989	59	28753m	125.747	ug/l	
12) 1,1-Dichloroethene	2.313	96	26891	18.549	ug/l #	79
13) Acrolein	2.233	56	14697	99.866	ug/l	99
14) Allyl chloride	2.660	41	30018	19.945	ug/l #	92
15) Acrylonitrile	3.063	53	64526	100.346	ug/l	99
16) Acetone	2.386	43	50150	99.629	ug/l	89
17) Carbon Disulfide	2.508	76	54096	18.925	ug/l	99
18) Methyl Acetate	2.703	43	34672	21.266	ug/l #	83
19) Methyl tert-butyl Ether	3.111	73	89707	20.236	ug/l	99
20) Methylene Chloride	2.788	84	30625	18.473	ug/l #	78
21) trans-1,2-Dichloroethene	3.093	96	31249	19.245	ug/l #	84
22) Diisopropyl ether	3.757	45	70870	20.069	ug/l #	88
23) Vinyl Acetate	3.721	43	275889	105.583	ug/l #	87
24) 1,1-Dichloroethane	3.605	63	46681	19.342	ug/l	97
25) 2-Butanone	4.562	43	83644	104.330	ug/l #	80
26) 2,2-Dichloropropane	4.471	77	34990	19.207	ug/l	89
27) cis-1,2-Dichloroethene	4.489	96	36752	19.330	ug/l	76
28) Bromochloromethane	4.898	49	19213	20.106	ug/l #	45
29) Tetrahydrofuran	5.013	42	53493	107.203	ug/l #	76
30) Chloroform	5.093	83	59079	19.953	ug/l	100
31) Cyclohexane	5.465	56	38389	19.123	ug/l #	84
32) 1,1,1-Trichloroethane	5.379	97	50755	19.483	ug/l	93
36) 1,1-Dichloropropene	5.690	75	38963	19.441	ug/l	92
37) Ethyl Acetate	4.715	43	32512	21.000	ug/l #	91
38) Carbon Tetrachloride	5.678	117	46216	19.585	ug/l	96
39) Methylcyclohexane	7.379	83	51834	20.185	ug/l #	84
40) Benzene	6.038	78	118495	19.662	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	17113	21.377	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	41185	20.572	ug/l	93
43) Isopropyl Acetate	6.342	43	51190	21.665	ug/l #	90
44) Trichloroethene	7.123	130	39903	19.455	ug/l	80
45) 1,2-Dichloropropane	7.434	63	27621	20.567	ug/l	95
46) Dibromomethane	7.580	93	24473	20.616	ug/l #	80
47) Bromodichloromethane	7.824	83	41799	20.620	ug/l	97
48) Methyl methacrylate	7.696	41	23710	21.251	ug/l #	78
49) 1,4-Dioxane	7.690	88	16664	438.860	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	170329	107.153	ug/l	89
52) Toluene	8.720	92	83590	19.590	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	37596	20.569	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	44012	20.946	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	36409	20.745	ug/l	92
56) Ethyl methacrylate	9.116	69	43259	21.405	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	53124	20.365	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	106668	105.273	ug/l #	81
59) 2-Hexanone	9.433	43	124960	108.280	ug/l	85
60) Dibromochloromethane	9.525	129	37308	21.129	ug/l	98
61) 1,2-Dibromoethane	9.610	107	39205	21.042	ug/l	98
64) Tetrachloroethene	9.275	164	41731	19.608	ug/l	96
65) Chlorobenzene	10.080	112	97558	19.860	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	35312	20.403	ug/l	98
67) Ethyl Benzene	10.195	91	157584	20.009	ug/l	96
68) m/p-Xylenes	10.305	106	134618	40.545	ug/l	90
69) o-Xylene	10.640	106	66432	20.353	ug/l	88
70) Styrene	10.653	104	105365	20.489	ug/l	95
71) Bromoform	10.799	173	26673	18.751	ug/l #	99
73) Isopropylbenzene	10.964	105	170617	19.370	ug/l	98
74) N-amyl acetate	10.848	43	40829	21.087	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	49432	20.166	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	43173m	20.475	ug/l	
77) Bromobenzene	11.201	156	46886	19.580	ug/l	80
78) n-propylbenzene	11.305	91	184117	19.625	ug/l	94
79) 2-Chlorotoluene	11.366	91	110175	19.220	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	146269	20.063	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	9707	18.719	ug/l	91
82) 4-Chlorotoluene	11.457	91	127164	19.435	ug/l	91
83) tert-Butylbenzene	11.713	119	143973	19.567	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	145259	19.947	ug/l	96
85) sec-Butylbenzene	11.890	105	176705	19.910	ug/l	95
86) p-Isopropyltoluene	12.012	119	156077	19.901	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	90449	20.003	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	89413	19.186	ug/l	97
89) n-Butylbenzene	12.335	91	114872	19.687	ug/l	96
90) Hexachloroethane	12.536	117	20866	19.869	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	88707	19.628	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9826	22.576	ug/l	67
93) 1,2,4-Trichlorobenzene	13.585	180	56873	19.815	ug/l	98
94) Hexachlorobutadiene	13.725	225	23766	20.329	ug/l	97
95) Naphthalene	13.774	128	188126	20.802	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	57853	19.972	ug/l	98

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

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