

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
 Data File : VX038322.D
 Acq On : 17 Oct 2023 12:22
 Operator : JC/MD
 Sample : VX1017MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 18 03:55:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	123928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	208955	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94149	47.233	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.460%		
35) Dibromofluoromethane	5.385	113	74891	49.740	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.480%		
50) Toluene-d8	8.647	98	283438	49.264	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.520%		
62) 4-Bromofluorobenzene	11.079	95	110167	50.508	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	23827	19.919	ug/l	98
3) Chloromethane	1.301	50	26404	21.657	ug/l	100
4) Vinyl Chloride	1.374	62	34751	25.707	ug/l	99
5) Bromomethane	1.605	94	30921	16.851	ug/l	94
6) Chloroethane	1.685	64	24243	24.969	ug/l	98
7) Trichlorofluoromethane	1.886	101	64220	24.052	ug/l	97
8) Diethyl Ether	2.130	74	22939	23.036	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	25551	21.920	ug/l	96
10) Methyl Iodide	2.453	142	34411	20.518	ug/l	93
11) Tert butyl alcohol	2.953	59	41373	86.786	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	23880	21.061	ug/l	90
13) Acrolein	2.233	56	25244	89.085	ug/l	99
14) Allyl chloride	2.660	41	38250	18.860	ug/l	94
15) Acrylonitrile	3.063	53	91590	100.969	ug/l	98
16) Acetone	2.374	43	90639	108.954	ug/l	92
17) Carbon Disulfide	2.514	76	61234	18.738	ug/l	98
18) Methyl Acetate	2.703	43	74825	20.974	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	88788	19.662	ug/l	96
20) Methylene Chloride	2.788	84	29453	18.822	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	28286	20.149	ug/l	92
22) Diisopropyl ether	3.757	45	83432	19.629	ug/l	97
23) Vinyl Acetate	3.721	43	308534	98.982	ug/l	97
24) 1,1-Dichloroethane	3.611	63	50473	19.567	ug/l	99
25) 2-Butanone	4.550	43	136252	101.510	ug/l	91
26) 2,2-Dichloropropane	4.477	77	37620	18.680	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	32702	19.559	ug/l	92
28) Bromochloromethane	4.898	49	21975	18.871	ug/l	87
29) Tetrahydrofuran	5.001	42	86773	99.295	ug/l	89
30) Chloroform	5.099	83	57507	20.387	ug/l	98
31) Cyclohexane	5.477	56	41108	19.035	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	48078	19.899	ug/l	99
36) 1,1-Dichloropropene	5.690	75	40553	19.532	ug/l	97
37) Ethyl Acetate	4.709	43	48746	19.768	ug/l	97
38) Carbon Tetrachloride	5.678	117	41267	20.204	ug/l	96
39) Methylcyclohexane	7.379	83	49170	20.218	ug/l	93
40) Benzene	6.038	78	119710	20.614	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	25120	20.478	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	48479	20.894	ug/l	100
43) Isopropyl Acetate	6.336	43	71814	19.509	ug/l	98
44) Trichloroethene	7.123	130	32419	21.344	ug/l	96
45) 1,2-Dichloropropane	7.428	63	31174	20.741	ug/l	98
46) Dibromomethane	7.580	93	25138	21.564	ug/l	97
47) Bromodichloromethane	7.818	83	43046	20.757	ug/l	94
48) Methyl methacrylate	7.696	41	35594	20.255	ug/l #	83
49) 1,4-Dioxane	7.659	88	17669	408.024	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	270557	106.557	ug/l	97
52) Toluene	8.720	92	82411	21.785	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	44554	20.015	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	48949	20.930	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	36223	22.387	ug/l	95
56) Ethyl methacrylate	9.116	69	50861	20.502	ug/l	92
57) 1,3-Dichloropropane	9.305	76	56225	21.485	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	114252	93.824	ug/l	99
59) 2-Hexanone	9.427	43	222459	108.983	ug/l	96
60) Dibromochloromethane	9.519	129	33428	21.109	ug/l	98
61) 1,2-Dibromoethane	9.610	107	37866	21.641	ug/l	98
64) Tetrachloroethene	9.275	164	28417	20.968	ug/l	98
65) Chlorobenzene	10.080	112	89990	20.542	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	31623	21.347	ug/l	100
67) Ethyl Benzene	10.195	91	161144	20.608	ug/l	98
68) m/p-Xylenes	10.299	106	124690	41.240	ug/l	99
69) o-Xylene	10.640	106	59570	20.187	ug/l	100
70) Styrene	10.653	104	99561	20.717	ug/l	97
71) Bromoform	10.799	173	24494	19.666	ug/l #	98
73) Isopropylbenzene	10.964	105	161375	20.167	ug/l	99
74) N-amyl acetate	10.842	43	64314	18.821	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	61406	20.913	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	60200m	22.193	ug/l	
77) Bromobenzene	11.195	156	40161	20.557	ug/l	90
78) n-propylbenzene	11.305	91	194302	19.858	ug/l	99
79) 2-Chlorotoluene	11.366	91	112704	19.423	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	137771	19.956	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	14250	18.136	ug/l	99
82) 4-Chlorotoluene	11.457	91	133983	19.513	ug/l	97
83) tert-Butylbenzene	11.713	119	133201	19.746	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	139060	20.203	ug/l	99
85) sec-Butylbenzene	11.890	105	174400	19.958	ug/l	100
86) p-Isopropyltoluene	12.012	119	146061	20.259	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	77633	19.784	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	79664	19.886	ug/l	99
89) n-Butylbenzene	12.335	91	136722	19.042	ug/l	96
90) Hexachloroethane	12.536	117	22887	19.147	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	76589	20.306	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13949	19.648	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	48899	19.329	ug/l	98
94) Hexachlorobutadiene	13.725	225	21161	20.783	ug/l	98
95) Naphthalene	13.774	128	165717	18.810	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	48184	19.671	ug/l	97

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

