

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038056.D
 Acq On : 04 Oct 2023 11:38
 Operator : JC/MD
 Sample : VX1004MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/05/2023
 Supervised By : Mahesh Dadoda 10/05/2023

Quant Time: Oct 05 00:58:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	131742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	220719	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	102594	50.050	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.100%			
35) Dibromofluoromethane	5.385	113	78432	51.797	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.600%			
50) Toluene-d8	8.647	98	299892	51.751	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.500%			
62) 4-Bromofluorobenzene	11.079	95	111945	53.079	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28922	22.032	ug/l	99
3) Chloromethane	1.300	50	27520	15.924	ug/l	93
4) Vinyl Chloride	1.374	62	31190	19.996	ug/l	96
5) Bromomethane	1.605	94	29262	14.268	ug/l	97
6) Chloroethane	1.685	64	21224	18.126	ug/l	93
7) Trichlorofluoromethane	1.886	101	56146	18.249	ug/l	99
8) Diethyl Ether	2.136	74	21523	19.129	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	24915	18.600	ug/l	97
10) Methyl Iodide	2.453	142	29845	21.602	ug/l	95
11) Tert butyl alcohol	2.959	59	48251	104.790	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	23683	18.986	ug/l	94
13) Acrolein	2.233	56	32130	121.980	ug/l	99
14) Allyl chloride	2.666	41	41978	18.989	ug/l	97
15) Acrylonitrile	3.062	53	96905	101.257	ug/l	99
16) Acetone	2.380	43	90850	100.919	ug/l	93
17) Carbon Disulfide	2.514	76	63279	17.936	ug/l	99
18) Methyl Acetate	2.703	43	79302	20.491	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	94067	19.527	ug/l	98
20) Methylene Chloride	2.788	84	33329	20.115	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	28177	18.801	ug/l	93
22) Diisopropyl ether	3.763	45	89228	19.315	ug/l #	92
23) Vinyl Acetate	3.721	43	328624	98.881	ug/l	97
24) 1,1-Dichloroethane	3.611	63	52766	18.819	ug/l	98
25) 2-Butanone	4.556	43	146739	103.388	ug/l	91
26) 2,2-Dichloropropane	4.477	77	41062	18.646	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	33418	19.124	ug/l	92
28) Bromochloromethane	4.897	49	29134	22.084	ug/l	95
29) Tetrahydrofuran	5.001	42	93539	102.188	ug/l	92
30) Chloroform	5.092	83	57433	18.804	ug/l	99
31) Cyclohexane	5.470	56	45162	18.841	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	48624	19.138	ug/l	99
36) 1,1-Dichloropropene	5.690	75	41875	18.765	ug/l	98
37) Ethyl Acetate	4.714	43	53016	21.154	ug/l	99
38) Carbon Tetrachloride	5.678	117	41127	18.939	ug/l	94
39) Methylcyclohexane	7.385	83	50927	19.309	ug/l	94
40) Benzene	6.043	78	120939	19.212	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	25941	20.673	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	48946	19.827	ug/l	99
43) Isopropyl Acetate	6.342	43	78789	20.292	ug/l	99
44) Trichloroethene	7.129	130	30797	18.129	ug/l	99
45) 1,2-Dichloropropane	7.433	63	31795	19.840	ug/l	99
46) Dibromomethane	7.580	93	23752	19.139	ug/l	97
47) Bromodichloromethane	7.824	83	42379	19.614	ug/l	93
48) Methyl methacrylate	7.690	41	38417	20.578	ug/l	88
49) 1,4-Dioxane	7.659	88	18584	444.085	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	280734	104.065	ug/l	99
52) Toluene	8.720	92	78304	19.218	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	45963	20.196	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	49137	20.290	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	33443	20.213	ug/l	95
56) Ethyl methacrylate	9.116	69	50823	20.438	ug/l	95
57) 1,3-Dichloropropane	9.311	76	53908	19.376	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	135670	106.748	ug/l	98
59) 2-Hexanone	9.427	43	229036	106.131	ug/l	97
60) Dibromochloromethane	9.518	129	31578	19.833	ug/l	99
61) 1,2-Dibromoethane	9.610	107	36358	20.269	ug/l	98
64) Tetrachloroethene	9.275	164	26836	18.983	ug/l	99
65) Chlorobenzene	10.079	112	85551	19.182	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	29265	19.677	ug/l	98
67) Ethyl Benzene	10.195	91	155106	19.332	ug/l	100
68) m/p-Xylenes	10.299	106	118298	38.501	ug/l	100
69) o-Xylene	10.640	106	57165	19.591	ug/l	98
70) Styrene	10.652	104	93981	19.500	ug/l	98
71) Bromoform	10.799	173	22598	19.987	ug/l #	99
73) Isopropylbenzene	10.963	105	151591	19.779	ug/l	100
74) N-amyl acetate	10.841	43	69027	20.012	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	57184	19.934	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	46725m	17.861	ug/l	
77) Bromobenzene	11.195	156	36078	19.200	ug/l	94
78) n-propylbenzene	11.305	91	185928	19.743	ug/l	100
79) 2-Chlorotoluene	11.366	91	107561	19.669	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	130710	20.038	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	15346	19.811	ug/l	98
82) 4-Chlorotoluene	11.451	91	126775	19.235	ug/l	98
83) tert-Butylbenzene	11.713	119	127659	19.686	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	131038	19.918	ug/l	100
85) sec-Butylbenzene	11.890	105	165722	19.705	ug/l	99
86) p-Isopropyltoluene	12.006	119	135831	19.722	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	70960	18.833	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	72338	18.394	ug/l	98
89) n-Butylbenzene	12.335	91	134453	19.561	ug/l	95
90) Hexachloroethane	12.536	117	21789	19.411	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	68850	19.202	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13769	21.091	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	46177	18.566	ug/l	95
94) Hexachlorobutadiene	13.725	225	19521	18.393	ug/l	99
95) Naphthalene	13.774	128	161032	19.206	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	45866	19.068	ug/l	99

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

