

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091223\
 Data File : VX037680.D
 Acq On : 12 Sep 2023 19:52
 Operator : JC/MD
 Sample : VX0912MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912MBS01

Quant Time: Sep 13 01:50:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/13/2023
 Supervised By : Mahesh Dadoda 09/13/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	175236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	318511	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	148359	52.328	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.660%			
35) Dibromofluoromethane	5.385	113	117516	52.053	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.100%			
50) Toluene-d8	8.647	98	435373	51.133	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.260%			
62) 4-Bromofluorobenzene	11.079	95	157559	51.292	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	33701	17.541	ug/l	95
3) Chloromethane	1.301	50	41808	19.102	ug/l	95
4) Vinyl Chloride	1.374	62	44920	18.244	ug/l	99
5) Bromomethane	1.599	94	36477	17.712	ug/l	94
6) Chloroethane	1.679	64	32551	19.228	ug/l	100
7) Trichlorofluoromethane	1.886	101	73355	18.007	ug/l	99
8) Diethyl Ether	2.136	74	31642	19.572	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	33635	18.419	ug/l	98
10) Methyl Iodide	2.453	142	42607	19.757	ug/l	93
11) Tert butyl alcohol	2.965	59	68113	109.979	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	33564	18.617	ug/l	88
13) Acrolein	2.239	56	47336	102.187	ug/l	97
14) Allyl chloride	2.660	41	60623	19.195	ug/l	98
15) Acrylonitrile	3.062	53	135876	104.501	ug/l	100
16) Acetone	2.380	43	115653	100.899	ug/l	92
17) Carbon Disulfide	2.508	76	78186	17.059	ug/l	97
18) Methyl Acetate	2.703	43	99578	20.572	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	142219	19.982	ug/l	100
20) Methylene Chloride	2.788	84	48590	21.190	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	38996	18.800	ug/l	92
22) Diisopropyl ether	3.764	45	137222	19.943	ug/l #	92
23) Vinyl Acetate	3.721	43	508690	101.359	ug/l	97
24) 1,1-Dichloroethane	3.611	63	78962	19.694	ug/l	100
25) 2-Butanone	4.556	43	187018	100.065	ug/l	94
26) 2,2-Dichloropropane	4.477	77	49950	17.909	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	50696	20.043	ug/l	91
28) Bromochloromethane	4.904	49	40854	20.168	ug/l	89
29) Tetrahydrofuran	5.007	42	121233	101.861	ug/l	92
30) Chloroform	5.093	83	86317	19.934	ug/l	100
31) Cyclohexane	5.471	56	56938	17.440	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	69731	19.349	ug/l	99
36) 1,1-Dichloropropene	5.696	75	52089	16.960	ug/l	96
37) Ethyl Acetate	4.721	43	71530	20.355	ug/l	97
38) Carbon Tetrachloride	5.678	117	55785	17.780	ug/l	99
39) Methylcyclohexane	7.379	83	61118	16.817	ug/l	95
40) Benzene	6.038	78	178935	19.218	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	37122	20.055	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	69184	19.011	ug/l	97
43) Isopropyl Acetate	6.348	43	111556	19.898	ug/l	97
44) Trichloroethene	7.129	130	51817	22.275	ug/l	96
45) 1,2-Dichloropropane	7.434	63	47500	19.332	ug/l	100
46) Dibromomethane	7.580	93	35395	19.800	ug/l	96
47) Bromodichloromethane	7.824	83	61991	19.210	ug/l	99
48) Methyl methacrylate	7.696	41	53477	19.733	ug/l	89
49) 1,4-Dioxane	7.665	88	28252	420.765	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	376243	102.203	ug/l	96
52) Toluene	8.720	92	115398	19.277	ug/l	93
53) t-1,3-Dichloropropene	8.982	75	61657	18.846	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	69249	19.289	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	50424	20.003	ug/l	92
56) Ethyl methacrylate	9.116	69	77122	19.996	ug/l	93
57) 1,3-Dichloropropane	9.311	76	83081	19.649	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	195817	104.710	ug/l	100
59) 2-Hexanone	9.433	43	295006	103.816	ug/l	96
60) Dibromochloromethane	9.525	129	47332	19.116	ug/l	99
61) 1,2-Dibromoethane	9.610	107	54139	19.981	ug/l	99
64) Tetrachloroethene	9.275	164	36800	18.450	ug/l	96
65) Chlorobenzene	10.079	112	125613	19.143	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	45257	20.012	ug/l	99
67) Ethyl Benzene	10.195	91	220641	18.895	ug/l	98
68) m/p-Xylenes	10.299	106	167457	37.610	ug/l	99
69) o-Xylene	10.640	106	84278	18.985	ug/l	98
70) Styrene	10.659	104	140956	19.463	ug/l	96
71) Bromoform	10.799	173	34439	19.462	ug/l #	98
73) Isopropylbenzene	10.963	105	215975	19.242	ug/l	99
74) N-amyl acetate	10.842	43	97613	19.944	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	85575	20.374	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	67754m	20.558	ug/l	
77) Bromobenzene	11.201	156	54341	20.430	ug/l	92
78) n-propylbenzene	11.305	91	243123	18.828	ug/l	100
79) 2-Chlorotoluene	11.366	91	155021	19.503	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	186969	19.821	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	18974	17.500	ug/l	99
82) 4-Chlorotoluene	11.457	91	173934	19.156	ug/l	98
83) tert-Butylbenzene	11.713	119	180409	19.038	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	187002	19.663	ug/l	99
85) sec-Butylbenzene	11.890	105	221355	18.921	ug/l	100
86) p-Isopropyltoluene	12.012	119	179866	18.762	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	98020	19.193	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	98498	18.766	ug/l	99
89) n-Butylbenzene	12.335	91	151326	17.429	ug/l	97
90) Hexachloroethane	12.542	117	30493	18.850	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	100434	19.655	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17107	19.836	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	54923	18.049	ug/l	98
94) Hexachlorobutadiene	13.725	225	23232	18.276	ug/l	98
95) Naphthalene	13.774	128	212258	19.256	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	58957	18.883	ug/l	98

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

