

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061124\
 Data File : VX041823.D
 Acq On : 11 Jun 2024 12:23
 Operator : JC/MD
 Sample : VX0611MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611MBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/12/2024
 Supervised By :Mahesh Dadoda 06/12/2024

Quant Time: Jun 12 05:47:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	187173	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	6.751	114	276598	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	252734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	133457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	108720	47.360	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.720%		
35) Dibromofluoromethane	5.379	113	86965	45.475	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.940%		
50) Toluene-d8	8.647	98	304723	45.603	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.200%#		
62) 4-Bromofluorobenzene	11.079	95	113044	45.837	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.680%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	29406	17.880	ug/l	99
3) Chloromethane	1.301	50	32786	18.271	ug/l	99
4) Vinyl Chloride	1.374	62	34267	18.550	ug/l	98
5) Bromomethane	1.599	94	21914	17.034	ug/l	99
6) Chloroethane	1.666	64	20810	18.638	ug/l	99
7) Trichlorofluoromethane	1.868	101	58460	19.380	ug/l	99
8) Diethyl Ether	2.136	74	25239	21.709	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	36415	21.304	ug/l	88
10) Methyl Iodide	2.447	142	39294	18.435	ug/l	91
11) Tert butyl alcohol	2.995	59	40436	99.573	ug/l #	89
12) 1,1-Dichloroethene	2.307	96	35902	21.518	ug/l	83
13) Acrolein	2.239	56	39400	104.202	ug/l	98
14) Allyl chloride	2.654	41	53140	19.360	ug/l	98
15) Acrylonitrile	3.069	53	100076	100.487	ug/l	98
16) Acetone	2.386	43	93362	90.794	ug/l	99
17) Carbon Disulfide	2.502	76	57393	15.550	ug/l	98
18) Methyl Acetate	2.703	43	50640	23.103	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	106637	19.103	ug/l	100
20) Methylene Chloride	2.782	84	36197	17.620	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	31360	18.116	ug/l	89
22) Diisopropyl ether	3.757	45	110602	19.717	ug/l	99
23) Vinyl Acetate	3.721	43	484084	96.057	ug/l	98
24) 1,1-Dichloroethane	3.599	63	60652	19.121	ug/l	97
25) 2-Butanone	4.562	43	141152	98.933	ug/l	97
26) 2,2-Dichloropropane	4.465	77	43254	16.620	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	39006	18.850	ug/l	92
28) Bromochloromethane	4.891	49	24403	17.862	ug/l #	83
29) Tetrahydrofuran	5.007	42	89372	99.326	ug/l	98
30) Chloroform	5.087	83	63950	19.202	ug/l	96
31) Cyclohexane	5.458	56	47539	17.540	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	53303	18.264	ug/l	99
36) 1,1-Dichloropropene	5.684	75	40093	17.314	ug/l	96
37) Ethyl Acetate	4.715	43	54492	18.647	ug/l	99
38) Carbon Tetrachloride	5.672	117	44919	17.074	ug/l	96
39) Methylcyclohexane	7.373	83	49526	17.409	ug/l	95
40) Benzene	6.025	78	133355	18.425	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	28248	19.765	ug/l	94
42) 1,2-Dichloroethane	6.086	62	50863	18.824	ug/l	95
43) Isopropyl Acetate	6.342	43	81547	18.482	ug/l	99
44) Trichloroethene	7.117	130	34526	17.539	ug/l	91
45) 1,2-Dichloropropane	7.428	63	33093	19.230	ug/l	95
46) Dibromomethane	7.574	93	24672	18.692	ug/l #	81
47) Bromodichloromethane	7.818	83	45620	18.666	ug/l	98
48) Methyl methacrylate	7.696	41	40934	19.319	ug/l	96
49) 1,4-Dioxane	7.659	88	18988	410.149	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	284454	99.422	ug/l	100
52) Toluene	8.714	92	84358	18.365	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	43493	18.079	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	47892	17.996	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	35581	19.216	ug/l	98
56) Ethyl methacrylate	9.116	69	53824	19.045	ug/l	99
57) 1,3-Dichloropropane	9.305	76	59263	19.278	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	129241	97.133	ug/l	96
59) 2-Hexanone	9.427	43	220786	101.218	ug/l	99
60) Dibromochloromethane	9.519	129	37474	18.244	ug/l	99
61) 1,2-Dibromoethane	9.604	107	36698	18.778	ug/l	100
64) Tetrachloroethene	9.269	164	34486	18.206	ug/l	90
65) Chlorobenzene	10.080	112	96977	17.879	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	34265	18.206	ug/l	98
67) Ethyl Benzene	10.189	91	158136	18.294	ug/l	100
68) m/p-Xylenes	10.299	106	125502	36.496	ug/l	96
69) o-Xylene	10.640	106	62492	18.268	ug/l	93
70) Styrene	10.653	104	105200	18.618	ug/l	96
71) Bromoform	10.799	173	28465	17.366	ug/l #	98
73) Isopropylbenzene	10.957	105	160108	19.341	ug/l	98
74) N-amyl acetate	10.842	43	72303	19.717	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	58048	19.758	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	48188m	20.694	ug/l	
77) Bromobenzene	11.195	156	45893	18.781	ug/l	81
78) n-propylbenzene	11.305	91	176257	19.390	ug/l	98
79) 2-Chlorotoluene	11.360	91	111881	19.149	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	133212	19.273	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	14403	16.858	ug/l	97
82) 4-Chlorotoluene	11.451	91	125145	18.827	ug/l	92
83) tert-Butylbenzene	11.713	119	138533	18.607	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	136315	19.465	ug/l	94
85) sec-Butylbenzene	11.890	105	166126	19.462	ug/l	97
86) p-Isopropyltoluene	12.006	119	144834	19.347	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	81158	18.597	ug/l	94
88) 1,4-Dichlorobenzene	12.037	146	84010	18.675	ug/l	97
89) n-Butylbenzene	12.329	91	113237	19.107	ug/l	97
90) Hexachloroethane	12.536	117	22675	17.808	ug/l	66
91) 1,2-Dichlorobenzene	12.335	146	84281	18.960	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11430	19.258	ug/l	61
93) 1,2,4-Trichlorobenzene	13.585	180	53934	18.410	ug/l	95
94) Hexachlorobutadiene	13.725	225	27353	18.845	ug/l	97
95) Naphthalene	13.774	128	164779	19.060	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	56445	18.721	ug/l	96

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

