

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082323\
 Data File : VX037176.D
 Acq On : 23 Aug 2023 12:17
 Operator : JC/MD
 Sample : VX0823MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt

Quant Time: Aug 24 05:29:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	08/24/2023 Supervised By :Mahesh Dadoda
Internal Standards							
1) Pentafluorobenzene	5.550	168	144604	50.000	ug/l	0.00	
34) 1,4-Difluorobenzene	6.763	114	257594	50.000	ug/l	0.00	
63) Chlorobenzene-d5	10.055	117	241142	50.000	ug/l	0.00	08/24/2023
72) 1,4-Dichlorobenzene-d4	12.018	152	124880	50.000	ug/l	0.00	

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110821	53.159	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.320%	
35) Dibromofluoromethane	5.385	113	88990	52.163	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.320%	
50) Toluene-d8	8.647	98	313442	50.651	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.300%	
62) 4-Bromofluorobenzene	11.079	95	128218	52.723	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.440%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	32113	19.118	ug/l	98
3) Chloromethane	1.301	50	32258	21.951	ug/l	99
4) Vinyl Chloride	1.374	62	31135	19.464	ug/l	100
5) Bromomethane	1.599	94	20018	25.124	ug/l	97
6) Chloroethane	1.685	64	20958	22.265	ug/l	100
7) Trichlorofluoromethane	1.886	101	51757	19.753	ug/l	98
8) Diethyl Ether	2.136	74	20858	20.575	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.325	101	28853	18.876	ug/l	98
10) Methyl Iodide	2.453	142	43710	23.527	ug/l	94
11) Tert butyl alcohol	2.959	59	45909	93.878	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	27779	18.662	ug/l	86
13) Acrolein	2.233	56	29440	79.134	ug/l	98
14) Allyl chloride	2.660	41	45749	19.856	ug/l #	94
15) Acrylonitrile	3.062	53	88096	100.929	ug/l	99
16) Acetone	2.380	43	81362	99.762	ug/l	91
17) Carbon Disulfide	2.508	76	66867	17.660	ug/l	98
18) Methyl Acetate	2.703	43	59719	19.448	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	118046	20.910	ug/l	97
20) Methylene Chloride	2.788	84	36807	20.181	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	32907	19.447	ug/l	87
22) Diisopropyl ether	3.757	45	98881	20.914	ug/l #	97
23) Vinyl Acetate	3.721	43	377252	104.125	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	59986	20.232	ug/l	98
25) 2-Butanone	4.556	43	120107	97.807	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	53876	20.347	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	40353	20.228	ug/l	89
28) Bromochloromethane	4.897	49	27901	21.066	ug/l #	79
29) Tetrahydrofuran	5.001	42	74773	95.480	ug/l #	83
30) Chloroform	5.093	83	67335	20.232	ug/l	94
31) Cyclohexane	5.471	56	42750	18.237	ug/l #	85
32) 1,1,1-Trichloroethane	5.385	97	59467	19.939	ug/l	97
36) 1,1-Dichloropropene	5.696	75	44729	18.455	ug/l	97
37) Ethyl Acetate	4.715	43	46396	18.739	ug/l #	94
38) Carbon Tetrachloride	5.678	117	50138	19.043	ug/l	97
39) Methylcyclohexane	7.379	83	49587	19.473	ug/l	90
40) Benzene	6.037	78	134222	19.309	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.922	41	24646	19.149	ug/l	#	87
42) 1,2-Dichloroethane	6.086	62	54948	20.157	ug/l		95
43) Isopropyl Acetate	6.336	43	78282	19.915	ug/l	#	93
44) Trichloroethene	7.123	130	36507	18.521	ug/l		97
45) 1,2-Dichloropropane	7.427	63	34988	20.413	ug/l		98
46) Dibromomethane	7.580	93	27533	20.391	ug/l		95
47) Bromodichloromethane	7.824	83	52452	20.281	ug/l		97
48) Methyl methacrylate	7.690	41	38087	19.869	ug/l	#	87
49) 1,4-Dioxane	7.659	88	20734	401.615	ug/l	#	86
51) 4-Methyl-2-Pentanone	8.574	43	239879	100.500	ug/l		92
52) Toluene	8.720	92	89334	19.451	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	56636	20.567	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	60115	20.201	ug/l	#	89
55) 1,1,2-Trichloroethane	9.153	97	39385	21.059	ug/l		98
56) Ethyl methacrylate	9.116	69	59413	20.282	ug/l		88
57) 1,3-Dichloropropane	9.305	76	64571	20.481	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	147900	105.207	ug/l		93
59) 2-Hexanone	9.427	43	183506	100.832	ug/l		91
60) Dibromochloromethane	9.519	129	41162	20.672	ug/l		100
61) 1,2-Dibromoethane	9.610	107	41607	20.320	ug/l		99
64) Tetrachloroethene	9.275	164	27713	15.754	ug/l		97
65) Chlorobenzene	10.079	112	98344	19.296	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	38175	20.295	ug/l		100
67) Ethyl Benzene	10.195	91	172902	19.280	ug/l		99
68) m/p-Xylenes	10.299	106	134062	38.710	ug/l		99
69) o-Xylene	10.640	106	66699	19.520	ug/l		100
70) Styrene	10.653	104	112759	20.034	ug/l		98
71) Bromoform	10.799	173	29173	20.734	ug/l	#	100
73) Isopropylbenzene	10.963	105	174107	19.181	ug/l		99
74) N-amyl acetate	10.842	43	69257	19.637	ug/l	#	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	60287	19.722	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	50602m	19.027	ug/l		
77) Bromobenzene	11.195	156	42865	19.336	ug/l		94
78) n-propylbenzene	11.305	91	198720	19.661	ug/l		99
79) 2-Chlorotoluene	11.366	91	124157	19.222	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	148507	19.613	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	17973	18.875	ug/l		92
82) 4-Chlorotoluene	11.451	91	144728	19.411	ug/l		99
83) tert-Butylbenzene	11.713	119	147300	20.398	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	150965	19.728	ug/l		98
85) sec-Butylbenzene	11.890	105	176634	20.942	ug/l		99
86) p-Isopropyltoluene	12.006	119	153828	21.186	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	80446	19.383	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	81353	18.972	ug/l		98
89) n-Butylbenzene	12.329	91	130396	21.661	ug/l		99
90) Hexachloroethane	12.536	117	26473	21.844	ug/l		92
91) 1,2-Dichlorobenzene	12.335	146	82221	20.231	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14515	20.435	ug/l		86
93) 1,2,4-Trichlorobenzene	13.585	180	51176	21.521	ug/l		98
94) Hexachlorobutadiene	13.725	225	19465	21.188	ug/l		99
95) Naphthalene	13.774	128	185899	17.846	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	50766	21.488	ug/l		98

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08/24/2023
 Supervised By :Mahesh
 Dadoda

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

08/24/2023

