

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038055.D
 Acq On : 04 Oct 2023 11:12
 Operator : JC/MD
 Sample : VX1004MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 05 00:57:52 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	5.556	168	132660	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	226070	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116626	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	106625	51.656	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.320%	
35) Dibromofluoromethane	5.385	113	79792	51.448	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.900%	
50) Toluene-d8	8.647	98	310731	52.352	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.700%	
62) 4-Bromofluorobenzene	11.079	95	112325	51.999	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.000%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	27190	20.569	ug/l	98
3) Chloromethane	1.301	50	29360	16.871	ug/l	99
4) Vinyl Chloride	1.374	62	31248	19.895	ug/l	98
5) Bromomethane	1.605	94	30664	14.848	ug/l	100
6) Chloroethane	1.685	64	23229	19.701	ug/l	97
7) Trichlorofluoromethane	1.886	101	56429	18.214	ug/l	99
8) Diethyl Ether	2.136	74	20835	18.390	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	25129	18.630	ug/l	98
10) Methyl Iodide	2.453	142	29148	20.951	ug/l	96
11) Tert butyl alcohol	2.959	59	44425	95.813	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	23486	18.698	ug/l	93
13) Acrolein	2.233	56	28147	106.119	ug/l	98
14) Allyl chloride	2.666	41	41583	18.680	ug/l	93
15) Acrylonitrile	3.062	53	95290	98.880	ug/l	99
16) Acetone	2.380	43	91664	101.119	ug/l	92
17) Carbon Disulfide	2.514	76	63170	17.781	ug/l	# 95
18) Methyl Acetate	2.703	43	76167	19.544	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	92675	19.105	ug/l	100
20) Methylene Chloride	2.788	84	32708	19.587	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	28303	18.754	ug/l	95
22) Diisopropyl ether	3.757	45	89244	19.185	ug/l	94
23) Vinyl Acetate	3.721	43	327325	97.809	ug/l	99
24) 1,1-Dichloroethane	3.611	63	53987	19.121	ug/l	100
25) 2-Butanone	4.556	43	144728	101.265	ug/l	93
26) 2,2-Dichloropropane	4.477	77	41934	18.910	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	33484	19.029	ug/l	96
28) Bromochloromethane	4.904	49	28405	21.382	ug/l	92
29) Tetrahydrofuran	5.007	42	90906	98.624	ug/l	91
30) Chloroform	5.093	83	57957	18.844	ug/l	99
31) Cyclohexane	5.470	56	45451	18.830	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	49633	19.400	ug/l	100
36) 1,1-Dichloropropene	5.690	75	42645	18.658	ug/l	99
37) Ethyl Acetate	4.715	43	50121	19.525	ug/l	97
38) Carbon Tetrachloride	5.678	117	40916	18.396	ug/l	95
39) Methylcyclohexane	7.379	83	50325	18.629	ug/l	96
40) Benzene	6.037	78	123200	19.108	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	25105	19.533	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	48533	19.194	ug/l	100
43) Isopropyl Acetate	6.342	43	79057	19.879	ug/l	98
44) Trichloroethene	7.129	130	31439	18.069	ug/l	99
45) 1,2-Dichloropropane	7.434	63	31304	19.071	ug/l	97
46) Dibromomethane	7.580	93	23957	18.847	ug/l	98
47) Bromodichloromethane	7.824	83	42984	19.423	ug/l	96
48) Methyl methacrylate	7.696	41	37127	19.417	ug/l	87
49) 1,4-Dioxane	7.659	88	18633	434.717	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	277283	100.353	ug/l	99
52) Toluene	8.720	92	79184	18.974	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	44937	19.277	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	48852	19.695	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	33674	19.871	ug/l	97
56) Ethyl methacrylate	9.116	69	49312	19.361	ug/l	95
57) 1,3-Dichloropropane	9.311	76	54966	19.289	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	133694	102.704	ug/l	99
59) 2-Hexanone	9.427	43	228797	103.511	ug/l	97
60) Dibromochloromethane	9.519	129	32530	19.947	ug/l	98
61) 1,2-Dibromoethane	9.610	107	35690	19.425	ug/l	97
64) Tetrachloroethene	9.275	164	26902	18.508	ug/l	94
65) Chlorobenzene	10.079	112	87402	19.059	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	29079	19.016	ug/l	95
67) Ethyl Benzene	10.195	91	155656	18.869	ug/l	99
68) m/p-Xylenes	10.299	106	117412	37.164	ug/l	97
69) o-Xylene	10.640	106	57599	19.199	ug/l	100
70) Styrene	10.652	104	94198	19.009	ug/l	97
71) Bromoform	10.799	173	22648	19.482	ug/l #	100
73) Isopropylbenzene	10.963	105	153067	19.339	ug/l	100
74) N-amyl acetate	10.841	43	68256	19.162	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	57611	19.447	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	47571m	17.608	ug/l	
77) Bromobenzene	11.201	156	36353	18.734	ug/l	94
78) n-propylbenzene	11.305	91	185332	19.056	ug/l	99
79) 2-Chlorotoluene	11.366	91	107060	18.958	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	131706	19.552	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	14600	18.251	ug/l	97
82) 4-Chlorotoluene	11.451	91	127823	18.780	ug/l	99
83) tert-Butylbenzene	11.713	119	125407	18.726	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	131240	19.317	ug/l	99
85) sec-Butylbenzene	11.890	105	166739	19.198	ug/l	98
86) p-Isopropyltoluene	12.006	119	136556	19.200	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	71841	18.463	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	72997	17.974	ug/l	99
89) n-Butylbenzene	12.329	91	133559	18.815	ug/l	95
90) Hexachloroethane	12.536	117	21085	18.189	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	69498	18.768	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13589	20.156	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	46536	18.117	ug/l	97
94) Hexachlorobutadiene	13.725	225	19001	17.336	ug/l	98
95) Naphthalene	13.774	128	161727	18.678	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	45508	18.320	ug/l	97

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

