

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041423\
 Data File : VX035057.D
 Acq On : 13 Apr 2023 12:12
 Operator : JC/MD
 Sample : VX0414MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2023
 Supervised By : Mahesh Dadoda 04/14/2023

Quant Time: Apr 14 05:40:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	281183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	470549	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	412435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	196363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	220111	51.185	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.380%			
35) Dibromofluoromethane	5.385	113	171939	55.245	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.480%			
50) Toluene-d8	8.647	98	627907	54.659	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.320%			
62) 4-Bromofluorobenzene	11.079	95	244712	55.048	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.100%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	55284	19.713	ug/l	100
3) Chloromethane	1.294	50	63982	18.221	ug/l	100
4) Vinyl Chloride	1.374	62	63755	18.338	ug/l	96
5) Bromomethane	1.618	94	40545	17.946	ug/l	94
6) Chloroethane	1.691	64	37846	16.731	ug/l	100
7) Trichlorofluoromethane	1.886	101	93343	16.700	ug/l	99
8) Diethyl Ether	2.136	74	39436	20.013	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	59864	20.492	ug/l	98
10) Methyl Iodide	2.453	142	64912	17.843	ug/l	96
11) Tert butyl alcohol	3.001	59	80694	106.950	ug/l	96
12) 1,1-Dichloroethene	2.319	96	56868	19.700	ug/l	95
13) Acrolein	2.239	56	77248	99.458	ug/l	99
14) Allyl chloride	2.666	41	113217	20.020	ug/l	97
15) Acrylonitrile	3.068	53	188447	110.960	ug/l	99
16) Acetone	2.392	43	186103	106.532	ug/l	99
17) Carbon Disulfide	2.514	76	121105	16.751	ug/l	98
18) Methyl Acetate	2.709	43	138496	22.313	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	225157	21.067	ug/l	99
20) Methylene Chloride	2.788	84	70071	20.327	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	61453	19.520	ug/l	98
22) Diisopropyl ether	3.757	45	240034	21.035	ug/l	98
23) Vinyl Acetate	3.721	43	847557	104.146	ug/l	100
24) 1,1-Dichloroethane	3.611	63	125381	20.422	ug/l	99
25) 2-Butanone	4.562	43	276101	108.653	ug/l	99
26) 2,2-Dichloropropane	4.477	77	95953	19.004	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	77100	20.668	ug/l	98
28) Bromochloromethane	4.897	49	88211	29.371	ug/l	96
29) Tetrahydrofuran	5.013	42	174302	109.493	ug/l	99
30) Chloroform	5.093	83	127144	20.389	ug/l	98
31) Cyclohexane	5.471	56	102654	19.604	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	110137	20.697	ug/l	98
36) 1,1-Dichloropropene	5.696	75	89410	19.391	ug/l	99
37) Ethyl Acetate	4.715	43	103000	21.363	ug/l	99
38) Carbon Tetrachloride	5.678	117	89231	20.526	ug/l	96
39) Methylcyclohexane	7.379	83	93457	19.087	ug/l	96
40) Benzene	6.037	78	274076	20.707	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	59832	22.819	ug/l	97
42) 1,2-Dichloroethane	6.086	62	104222	19.805	ug/l	100
43) Isopropyl Acetate	6.336	43	166513	20.643	ug/l	99
44) Trichloroethene	7.129	130	71598	21.190	ug/l	99
45) 1,2-Dichloropropane	7.427	63	72680	21.072	ug/l	98
46) Dibromomethane	7.586	93	47728	20.111	ug/l	97
47) Bromodichloromethane	7.824	83	90404	20.623	ug/l	99
48) Methyl methacrylate	7.696	41	83636	21.113	ug/l	97
49) 1,4-Dioxane	7.708	88	37737	462.266	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	527891	110.580	ug/l	99
52) Toluene	8.720	92	172538	19.992	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	94650	20.071	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	107502	20.831	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	70716	21.650	ug/l	97
56) Ethyl methacrylate	9.116	69	110623	21.616	ug/l	97
57) 1,3-Dichloropropane	9.311	76	123518	21.353	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	276171	105.983	ug/l	97
59) 2-Hexanone	9.433	43	401098	111.085	ug/l	99
60) Dibromochloromethane	9.519	129	66082	21.238	ug/l	99
61) 1,2-Dibromoethane	9.610	107	73241	21.563	ug/l	99
64) Tetrachloroethene	9.275	164	59425	20.133	ug/l	99
65) Chlorobenzene	10.079	112	183435	21.376	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	66428	22.512	ug/l	99
67) Ethyl Benzene	10.195	91	329030	21.166	ug/l	97
68) m/p-Xylenes	10.299	106	249500	42.016	ug/l	99
69) o-Xylene	10.640	106	125193	21.521	ug/l	100
70) Styrene	10.653	104	205704	22.151	ug/l	98
71) Bromoform	10.799	173	44189	22.019	ug/l #	99
73) Isopropylbenzene	10.963	105	318496	22.143	ug/l	99
74) N-amyl acetate	10.841	43	141589	21.894	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	107963	22.902	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	86740m	21.923	ug/l	
77) Bromobenzene	11.201	156	76173	21.373	ug/l	98
78) n-propylbenzene	11.305	91	352471	21.213	ug/l	100
79) 2-Chlorotoluene	11.366	91	226855	21.624	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	257802	21.436	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	25600	19.391	ug/l	87
82) 4-Chlorotoluene	11.457	91	259458	21.297	ug/l	99
83) tert-Butylbenzene	11.713	119	248586	22.012	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	261932	21.417	ug/l	100
85) sec-Butylbenzene	11.890	105	296462	21.578	ug/l	99
86) p-Isopropyltoluene	12.006	119	248663	21.706	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	140008	21.571	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	143784	21.210	ug/l	99
89) n-Butylbenzene	12.335	91	202059	20.187	ug/l	99
90) Hexachloroethane	12.536	117	36710	20.682	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	143881	22.134	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22264	22.626	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	82340	22.396	ug/l	99
94) Hexachlorobutadiene	13.725	225	34393	21.269	ug/l	99
95) Naphthalene	13.774	128	306682	23.476	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	82225	22.177	ug/l	100

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

