

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011723\
 Data File : VX033759.D
 Acq On : 17 Jan 2023 14:43
 Operator : JC/MD
 Sample : VX0117MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/18/2023
 Supervised By : Mahesh Dadoda 01/18/2023

Quant Time: Jan 18 04:06:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	195560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	275396	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	243940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104170	50.591	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.180%			
35) Dibromofluoromethane	5.385	113	92419	54.044	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.080%			
50) Toluene-d8	8.647	98	318122	51.057	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.120%			
62) 4-Bromofluorobenzene	11.079	95	121598	52.564	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28277	18.297	ug/l	94
3) Chloromethane	1.294	50	33131	19.406	ug/l	99
4) Vinyl Chloride	1.374	62	34432	20.784	ug/l	99
5) Bromomethane	1.618	94	18882	19.837	ug/l	96
6) Chloroethane	1.691	64	19925	19.454	ug/l	99
7) Trichlorofluoromethane	1.886	101	51398	19.131	ug/l	98
8) Diethyl Ether	2.130	74	18075	20.548	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	32933	21.684	ug/l	96
10) Methyl Iodide	2.453	142	44185	20.341	ug/l	95
11) Tert butyl alcohol	3.038	59	30441m	85.102	ug/l	
12) 1,1-Dichloroethene	2.319	96	31077	19.530	ug/l	90
13) Acrolein	2.239	56	35474	107.486	ug/l	99
14) Allyl chloride	2.666	41	55784	18.587	ug/l	91
15) Acrylonitrile	3.068	53	85071	90.368	ug/l	99
16) Acetone	2.398	43	86936	109.201	ug/l	96
17) Carbon Disulfide	2.514	76	72555	19.183	ug/l	99
18) Methyl Acetate	2.709	43	52950	18.426	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	105921	19.166	ug/l	97
20) Methylene Chloride	2.788	84	35758	18.389	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	34126	18.345	ug/l	98
22) Diisopropyl ether	3.757	45	113465	18.790	ug/l	93
23) Vinyl Acetate	3.715	43	427868	94.125	ug/l	99
24) 1,1-Dichloroethane	3.605	63	61188	18.521	ug/l	99
25) 2-Butanone	4.562	43	123691	91.939	ug/l	96
26) 2,2-Dichloropropane	4.471	77	43135	18.228	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	40510	18.942	ug/l	97
28) Bromochloromethane	4.891	49	31076	20.650	ug/l	100
29) Tetrahydrofuran	5.013	42	75821	89.418	ug/l	99
30) Chloroform	5.086	83	62832	18.569	ug/l	98
31) Cyclohexane	5.464	56	57119	18.852	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	53495	18.517	ug/l	98
36) 1,1-Dichloropropene	5.690	75	47543	19.050	ug/l	99
37) Ethyl Acetate	4.708	43	45471	17.221	ug/l	99
38) Carbon Tetrachloride	5.672	117	48014	18.575	ug/l	97
39) Methylcyclohexane	7.379	83	60378	19.590	ug/l	98
40) Benzene	6.031	78	138638	19.058	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	26785	19.475	ug/l	98
42) 1,2-Dichloroethane	6.080	62	48974	18.997	ug/l	99
43) Isopropyl Acetate	6.336	43	72789	18.474	ug/l	99
44) Trichloroethene	7.123	130	40089	19.707	ug/l	100
45) 1,2-Dichloropropane	7.427	63	35583	19.526	ug/l	99
46) Dibromomethane	7.580	93	24439	19.200	ug/l	99
47) Bromodichloromethane	7.818	83	46250	18.854	ug/l	96
48) Methyl methacrylate	7.690	41	38093	19.193	ug/l	98
49) 1,4-Dioxane	7.732	88	16299	371.259	ug/l #	98
51) 4-Methyl-2-Pentanone	8.568	43	226075	93.429	ug/l	98
52) Toluene	8.714	92	88879	18.919	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	45346	18.485	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	48906	17.792	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	35618	19.154	ug/l	96
56) Ethyl methacrylate	9.116	69	50999	19.488	ug/l	99
57) 1,3-Dichloropropane	9.305	76	59374	19.691	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	105498	81.855	ug/l	98
59) 2-Hexanone	9.427	43	171104	101.594	ug/l	100
60) Dibromochloromethane	9.519	129	38198	19.814	ug/l	98
61) 1,2-Dibromoethane	9.610	107	36913	19.890	ug/l	98
64) Tetrachloroethene	9.269	164	35725	19.884	ug/l	97
65) Chlorobenzene	10.079	112	99987	19.799	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	36393	19.582	ug/l	98
67) Ethyl Benzene	10.189	91	170437	19.657	ug/l	97
68) m/p-Xylenes	10.299	106	135779	40.036	ug/l	100
69) o-Xylene	10.640	106	66895	19.890	ug/l	98
70) Styrene	10.653	104	108610	19.856	ug/l	99
71) Bromoform	10.799	173	27725	17.803	ug/l #	100
73) Isopropylbenzene	10.963	105	173182	19.063	ug/l	100
74) N-amyl acetate	10.841	43	59819	17.846	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	50227	18.320	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	40140m	17.115	ug/l	
77) Bromobenzene	11.195	156	45428	18.613	ug/l	98
78) n-propylbenzene	11.305	91	194887	18.711	ug/l	99
79) 2-Chlorotoluene	11.366	91	114984	18.561	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	144727	18.843	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	12505	16.571	ug/l	94
82) 4-Chlorotoluene	11.451	91	130667	18.409	ug/l	99
83) tert-Butylbenzene	11.713	119	148024	19.410	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	143498	19.750	ug/l	100
85) sec-Butylbenzene	11.890	105	181960	19.948	ug/l	99
86) p-Isopropyltoluene	12.006	119	159022	20.362	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	83794	19.428	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	84530	19.239	ug/l	99
89) n-Butylbenzene	12.329	91	128385	20.095	ug/l	100
90) Hexachloroethane	12.536	117	23370	18.192	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	81980	19.698	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9509	18.256	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	57835	20.630	ug/l	99
94) Hexachlorobutadiene	13.725	225	28237	20.562	ug/l	99
95) Naphthalene	13.774	128	162392	20.134	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	57181	20.384	ug/l	100

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

