

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011719\
 Data File : VX007081.D
 Acq On : 17 Jan 2019 11:50
 Operator : JC/SP
 Sample : VX0117MBS01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 10:23:27 AM

Quant Time: Jan 18 05:42:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	503906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	749018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	679309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	343355	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	269520	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
35) Dibromofluoromethane	5.50	113	240388	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
50) Toluene-d8	8.71	98	897819	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
62) 4-Bromofluorobenzene	11.13	95	320189	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81087	19.595	ug/l	92
3) Chloromethane	1.33	50	92335	19.168	ug/l	99
4) Vinyl Chloride	1.41	62	98697	19.046	ug/l	98
5) Bromomethane	1.64	94	103732	18.736	ug/l	100
6) Chloroethane	1.71	64	65451	18.089	ug/l	98
7) Trichlorofluoromethane	1.93	101	160448	19.163	ug/l	100
8) Diethyl Ether	2.19	74	62356	18.720	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	95496	19.051	ug/l	99
10) Methyl Iodide	2.51	142	133503	19.744	ug/l	98
11) Tert butyl alcohol	3.07	59	124393	100.133	ug/l	98
12) 1,1-Dichloroethene	2.37	96	84719	18.293	ug/l	94
13) Acrolein	2.30	56	68157	128.727	ug/l	99
14) Allyl chloride	2.73	41	150000	18.898	ug/l	99
15) Acrylonitrile	3.15	53	284038	99.599	ug/l	99
16) Acetone	2.45	43	253391	97.328	ug/l	99
17) Carbon Disulfide	2.57	76	189451	15.889	ug/l	99
18) Methyl Acetate	2.78	43	154147	20.445	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	313524	19.504	ug/l	99
20) Methylene Chloride	2.85	84	102055	20.273	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	93365	18.090	ug/l	98
22) Diisopropyl ether	3.87	45	289257	19.385	ug/l	98
23) Vinyl Acetate	3.82	43	1174844	93.362	ug/l	99
24) 1,1-Dichloroethane	3.70	63	162051	19.422	ug/l	98
25) 2-Butanone	4.70	43	369483	99.185	ug/l	96
26) 2,2-Dichloropropane	4.58	77	118657	18.494	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	105866	18.597	ug/l	99
28) Bromochloromethane	5.01	49	72705	19.888	ug/l	92
29) Tetrahydrofuran	5.15	42	239346	98.866	ug/l	98
30) Chloroform	5.21	83	172174	19.709	ug/l	99
31) Cyclohexane	5.57	56	137710	18.544	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	141926	19.167	ug/l	98
36) 1,1-Dichloropropene	5.80	75	119280	18.317	ug/l	100
37) Ethyl Acetate	4.85	43	136819	19.597	ug/l	99
38) Carbon Tetrachloride	5.78	117	119589	18.252	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	150737	18.157	ug/l	98
40) Benzene	6.14	78	375461	18.896	ug/l	99
41) Methacrylonitrile	5.06	41	76104	18.922	ug/l	97
42) 1,2-Dichloroethane	6.20	62	129632	18.879	ug/l	100
43) Isopropyl Acetate	6.46	43	213031	19.345	ug/l	98
44) Trichloroethene	7.21	130	107886	18.119	ug/l	99
45) 1,2-Dichloropropane	7.51	63	95334	19.084	ug/l	100
46) Dibromomethane	7.66	93	66713	19.002	ug/l	97
47) Bromodichloromethane	7.90	83	114141	19.100	ug/l	95
48) Methyl methacrylate	7.77	41	108072	19.110	ug/l	97
49) 1,4-Dioxane	7.75	88	52676	402.742	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	714938	101.019	ug/l	99
52) Toluene	8.78	92	242341	18.975	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	121315	18.307	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	134666	18.402	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	105088	20.557	ug/l	98
56) Ethyl methacrylate	9.18	69	146316	19.606	ug/l	95
57) 1,3-Dichloropropane	9.37	76	165708	19.787	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	382025	99.563	ug/l	99
59) 2-Hexanone	9.49	43	546537	101.337	ug/l	98
60) Dibromochloromethane	9.59	129	96525	19.446	ug/l	99
61) 1,2-Dibromoethane	9.67	107	109258	19.414	ug/l	99
64) Tetrachloroethene	9.34	164	113257	19.257	ug/l	98
65) Chlorobenzene	10.14	112	286647	19.347	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	97508	19.564	ug/l	99
67) Ethyl Benzene	10.25	91	464016	18.971	ug/l	99
68) m/p-Xylenes	10.36	106	362734	37.641	ug/l	99
69) o-Xylene	10.70	106	180596	19.216	ug/l	100
70) Styrene	10.71	104	286218	19.229	ug/l	99
71) Bromoform	10.86	173	68851	18.708	ug/l	100
73) Isopropylbenzene	11.02	105	473725	19.566	ug/l	100
74) N-amyl acetate	10.90	43	183754	18.850	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	150181	19.539	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	140177m	20.146	ug/l	
77) Bromobenzene	11.26	156	128887	19.320	ug/l	99
78) n-propylbenzene	11.36	91	525987	19.790	ug/l	98
79) 2-Chlorotoluene	11.42	91	311222	19.452	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	389680	19.262	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34337	17.549	ug/l	90
82) 4-Chlorotoluene	11.51	91	358631	19.360	ug/l	100
83) tert-Butylbenzene	11.77	119	387547	19.200	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	401721	19.747	ug/l	99
85) sec-Butylbenzene	11.94	105	476626	19.772	ug/l	99
86) p-Isopropyltoluene	12.06	119	423301	19.632	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	226045	18.746	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	229918	20.211	ug/l	99
89) n-Butylbenzene	12.38	91	350105	19.047	ug/l	98
90) Hexachloroethane	12.60	117	58031	18.786	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	229653	19.299	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28009	18.425	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	150371	18.419	ug/l	100
94) Hexachlorobutadiene	13.78	225	71243	19.665	ug/l	98
95) Naphthalene	13.83	128	471903	19.076	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	152882	18.851	ug/l	99

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

