

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091919\
 Data File : VX012521.D
 Acq On : 19 Sep 2019 12:27
 Operator : JC/SP
 Sample : VX0919MBS01
 Misc : 5.0µ/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 10:45:03 AM

Quant Time: Sep 20 05:01:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	198058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	327788	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	293101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	139559	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	130422	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
35) Dibromofluoromethane	5.48	113	95493	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
50) Toluene-d8	8.71	98	350300	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
62) 4-Bromofluorobenzene	11.13	95	138743	45.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	24637	18.890	ug/l	99
3) Chloromethane	1.32	50	20605	18.923	ug/l	95
4) Vinyl Chloride	1.40	62	22922	19.477	ug/l	99
5) Bromomethane	1.63	94	11186	24.193	ug/l	93
6) Chloroethane	1.72	64	16718	18.153	ug/l	98
7) Trichlorofluoromethane	1.92	101	44149	20.464	ug/l	100
8) Diethyl Ether	2.18	74	18064	18.538	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	31038	19.884	ug/l	98
10) Methyl Iodide	2.50	142	21909	19.345	ug/l	96
11) Tert butyl alcohol	3.03	59	63643	84.526	ug/l	100
12) 1,1-Dichloroethene	2.36	96	24520	19.692	ug/l	98
13) Acrolein	2.28	56	16470	64.832	ug/l	96
14) Allyl chloride	2.72	41	55791	19.245	ug/l	99
15) Acrylonitrile	3.13	53	116352	94.591	ug/l	100
16) Acetone	2.43	43	123906	90.452	ug/l	99
17) Carbon Disulfide	2.56	76	30618	18.565	ug/l	100
18) Methyl Acetate	2.76	43	57630	19.484	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	132460	19.510	ug/l	98
20) Methylene Chloride	2.84	84	33484	19.491	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	25279	19.550	ug/l	94
22) Diisopropyl ether	3.84	45	130306	19.197	ug/l	99
23) Vinyl Acetate	3.80	43	542438	97.147	ug/l	99
24) 1,1-Dichloroethane	3.69	63	66150	20.368	ug/l	98
25) 2-Butanone	4.66	43	176674	89.727	ug/l	99
26) 2,2-Dichloropropane	4.57	77	59195	18.533	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	38083	19.716	ug/l	99
28) Bromochloromethane	5.00	49	31703	18.935	ug/l	96
29) Tetrahydrofuran	5.11	42	103556	95.201	ug/l	99
30) Chloroform	5.20	83	72755	19.506	ug/l	99
31) Cyclohexane	5.57	56	40131	20.470	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	61041	19.581	ug/l	100
36) 1,1-Dichloropropene	5.79	75	38524	19.338	ug/l	96
37) Ethyl Acetate	4.82	43	60303	19.720	ug/l	99
38) Carbon Tetrachloride	5.77	117	47938	19.348	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	39398	20.344	ug/l	97
40) Benzene	6.13	78	129801	20.490	ug/l	100
41) Methacrylonitrile	5.03	41	37411	19.000	ug/l	97
42) 1,2-Dichloroethane	6.18	62	57728	19.647	ug/l	100
43) Isopropyl Acetate	6.43	43	104855	19.105	ug/l	99
44) Trichloroethene	7.21	130	34811	20.890	ug/l	98
45) 1,2-Dichloropropane	7.51	63	38031	19.541	ug/l	100
46) Dibromomethane	7.65	93	25394	20.163	ug/l	97
47) Bromodichloromethane	7.89	83	55311	19.724	ug/l	97
48) Methyl methacrylate	7.76	41	48338	18.684	ug/l	97
49) 1,4-Dioxane	7.73	88	22228	353.007	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	343699	95.491	ug/l	99
52) Toluene	8.78	92	84340	20.661	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	56039	19.224	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	59843	19.829	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	41575	19.769	ug/l	98
56) Ethyl methacrylate	9.17	69	64135	19.505	ug/l	99
57) 1,3-Dichloropropane	9.37	76	67880	20.230	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	177850	104.492	ug/l	98
59) 2-Hexanone	9.48	43	262090	93.336	ug/l	99
60) Dibromochloromethane	9.57	129	42514	19.846	ug/l	99
61) 1,2-Dibromoethane	9.67	107	39982	20.816	ug/l	100
64) Tetrachloroethene	9.33	164	30832	22.956	ug/l	95
65) Chlorobenzene	10.14	112	98113	20.281	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	41489	20.665	ug/l	98
67) Ethyl Benzene	10.24	91	168482	20.271	ug/l	99
68) m/p-Xylenes	10.35	106	124478	41.162	ug/l	99
69) o-Xylene	10.70	106	64522	20.747	ug/l	100
70) Styrene	10.71	104	113602	20.645	ug/l	99
71) Bromoform	10.85	173	28212	18.253	ug/l #	97
73) Isopropylbenzene	11.01	105	180830	20.651	ug/l	99
74) N-amyl acetate	10.89	43	89824	19.053	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	67095	19.533	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	64458m	20.107	ug/l	
77) Bromobenzene	11.25	156	44001	20.604	ug/l	99
78) n-propylbenzene	11.35	91	195219	20.003	ug/l	98
79) 2-Chlorotoluene	11.42	91	126737	19.961	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	154062	20.630	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	18639	18.069	ug/l	89
82) 4-Chlorotoluene	11.51	91	145955	20.030	ug/l	99
83) tert-Butylbenzene	11.76	119	156037	19.499	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	156443	20.403	ug/l	98
85) sec-Butylbenzene	11.94	105	175570	19.911	ug/l	100
86) p-Isopropyltoluene	12.06	119	160054	19.767	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	81532	20.296	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	82980	20.109	ug/l	98
89) n-Butylbenzene	12.38	91	134743	18.651	ug/l	99
90) Hexachloroethane	12.59	117	27548	18.555	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	84634	20.157	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16638	18.683	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	51507	19.045	ug/l	97
94) Hexachlorobutadiene	13.78	225	23152	18.164	ug/l	99
95) Naphthalene	13.83	128	191684	19.920	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	54925	19.930	ug/l	99

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

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