

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012466.D
 Acq On : 18 Sep 2019 12:18
 Operator : JC/SP
 Sample : VX0918MBS01
 Misc : 5.0µ/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918MBS01

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Sep 19 06:41:59 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

9/19/2019 1:04:25 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	196743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	333622	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	294421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	141132	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	134325	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
35) Dibromofluoromethane	5.49	113	98954	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
50) Toluene-d8	8.71	98	360952	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
62) 4-Bromofluorobenzene	11.14	95	145215	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	25315	19.526	ug/l	98
3) Chloromethane	1.32	50	21300	19.692	ug/l	97
4) Vinyl Chloride	1.40	62	23300	19.931	ug/l	95
5) Bromomethane	1.63	94	11789	25.668	ug/l	98
6) Chloroethane	1.72	64	16550	18.091	ug/l	96
7) Trichlorofluoromethane	1.92	101	44653	20.836	ug/l	100
8) Diethyl Ether	2.18	74	19341	19.981	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	30988	19.985	ug/l	99
10) Methyl Iodide	2.50	142	22637	19.943	ug/l	98
11) Tert butyl alcohol	3.03	59	69111	92.962	ug/l	99
12) 1,1-Dichloroethene	2.36	96	25522	20.633	ug/l	93
13) Acrolein	2.28	56	17854	70.904	ug/l	98
14) Allyl chloride	2.72	41	56510	19.623	ug/l	99
15) Acrylonitrile	3.13	53	121418	99.369	ug/l	99
16) Acetone	2.43	43	126821	93.448	ug/l	98
17) Carbon Disulfide	2.56	76	31705	19.276	ug/l	98
18) Methyl Acetate	2.76	43	57676	19.629	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	133154	19.743	ug/l	99
20) Methylene Chloride	2.84	84	33510	19.637	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	26796	20.862	ug/l	98
22) Diisopropyl ether	3.84	45	132647	19.673	ug/l	95
23) Vinyl Acetate	3.80	43	549283	99.030	ug/l	99
24) 1,1-Dichloroethane	3.69	63	65239	20.222	ug/l	97
25) 2-Butanone	4.66	43	184664	94.412	ug/l	99
26) 2,2-Dichloropropane	4.58	77	58851	18.548	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	38991	20.321	ug/l	97
28) Bromochloromethane	5.00	49	31872	19.163	ug/l	97
29) Tetrahydrofuran	5.12	42	106306	98.383	ug/l	98
30) Chloroform	5.20	83	72732	19.630	ug/l	96
31) Cyclohexane	5.57	56	40069	20.575	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	61291	19.792	ug/l	99
36) 1,1-Dichloropropene	5.79	75	38364	18.921	ug/l	94
37) Ethyl Acetate	4.82	43	63401	20.371	ug/l	98
38) Carbon Tetrachloride	5.78	117	48357	19.176	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	39887	20.236	ug/l	94
40) Benzene	6.13	78	129694	20.115	ug/l	100
41) Methacrylonitrile	5.03	41	37677	18.800	ug/l	99
42) 1,2-Dichloroethane	6.18	62	57378	19.187	ug/l	100
43) Isopropyl Acetate	6.43	43	107770	19.292	ug/l	99
44) Trichloroethene	7.21	130	35400	20.872	ug/l	97
45) 1,2-Dichloropropane	7.51	63	39026	19.701	ug/l	95
46) Dibromomethane	7.66	93	25638	20.000	ug/l	99
47) Bromodichloromethane	7.89	83	55521	19.452	ug/l	100
48) Methyl methacrylate	7.76	41	49458	18.782	ug/l	95
49) 1,4-Dioxane	7.73	88	24408	380.849	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	352350	96.183	ug/l	99
52) Toluene	8.78	92	82835	19.938	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	56810	19.148	ug/l	93
54) cis-1,3-Dichloropropene	8.43	75	60356	19.650	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	43058	20.116	ug/l	98
56) Ethyl methacrylate	9.17	69	65434	19.552	ug/l	98
57) 1,3-Dichloropropane	9.37	76	67758	19.840	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	169674	97.945	ug/l	99
59) 2-Hexanone	9.49	43	271514	95.001	ug/l	99
60) Dibromochloromethane	9.57	129	42464	19.476	ug/l	97
61) 1,2-Dibromoethane	9.67	107	39633	20.274	ug/l	99
64) Tetrachloroethene	9.33	164	31031	23.000	ug/l	91
65) Chlorobenzene	10.14	112	99144	20.403	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	40629	20.146	ug/l	98
67) Ethyl Benzene	10.25	91	170417	20.412	ug/l	100
68) m/p-Xylenes	10.35	106	125662	41.368	ug/l	99
69) o-Xylene	10.70	106	64681	20.705	ug/l	99
70) Styrene	10.71	104	111405	20.155	ug/l	100
71) Bromoform	10.85	173	29249	18.747	ug/l #	96
73) Isopropylbenzene	11.01	105	180777	20.415	ug/l	100
74) N-amyl acetate	10.89	43	92121	19.323	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	68734	19.787	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	66730m	20.584	ug/l	
77) Bromobenzene	11.25	156	44841	20.763	ug/l	97
78) n-propylbenzene	11.35	91	199034	20.167	ug/l	99
79) 2-Chlorotoluene	11.42	91	128033	19.941	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	153067	20.268	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20547	19.418	ug/l	97
82) 4-Chlorotoluene	11.51	91	146752	19.915	ug/l	99
83) tert-Butylbenzene	11.77	119	158210	19.550	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	154114	19.875	ug/l	100
85) sec-Butylbenzene	11.94	105	176698	19.815	ug/l	98
86) p-Isopropyltoluene	12.06	119	162076	19.794	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	80120	19.722	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	83347	19.973	ug/l	98
89) n-Butylbenzene	12.38	91	137487	18.819	ug/l	99
90) Hexachloroethane	12.59	117	28763	19.158	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	84845	19.982	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	17646	19.594	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	53327	19.499	ug/l	99
94) Hexachlorobutadiene	13.77	225	23828	18.486	ug/l	99
95) Naphthalene	13.83	128	200432	20.596	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	56379	20.230	ug/l	98

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

