

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120319\
 Data File : VX013722.D
 Acq On : 03 Dec 2019 14:14
 Operator : JC/SP
 Sample : VX1203MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

Manual Integrations
 APPROVED

apatel
 12/4/2019 1:52:10 PM

Quant Time: Dec 03 15:53:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	645128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	970367	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	878145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	435025	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	351431	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
35) Dibromofluoromethane	5.48	113	287130	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
50) Toluene-d8	8.71	98	1101043	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
62) 4-Bromofluorobenzene	11.14	95	395107	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	141137	19.655	ug/l	98
3) Chloromethane	1.32	50	156558	19.431	ug/l	99
4) Vinyl Chloride	1.40	62	174733	19.268	ug/l	100
5) Bromomethane	1.63	94	96069	15.774	ug/l	100
6) Chloroethane	1.72	64	97423	18.879	ug/l	96
7) Trichlorofluoromethane	1.92	101	191218	18.989	ug/l	100
8) Diethyl Ether	2.18	74	90665	19.902	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	118962	19.341	ug/l	97
10) Methyl Iodide	2.50	142	124305	16.707	ug/l	99
11) Tert butyl alcohol	3.03	59	161085	87.148	ug/l	100
12) 1,1-Dichloroethene	2.36	96	115251	18.772	ug/l	93
13) Acrolein	2.28	56	99097	84.244	ug/l	100
14) Allyl chloride	2.72	41	211213	18.957	ug/l	100
15) Acrylonitrile	3.13	53	373507	97.894	ug/l	100
16) Acetone	2.43	43	408973	110.618	ug/l	98
17) Carbon Disulfide	2.56	76	306534	17.514	ug/l	98
18) Methyl Acetate	2.76	43	214482	20.833	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	404268	19.877	ug/l	100
20) Methylene Chloride	2.84	84	138605	19.514	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	126301	18.884	ug/l	98
22) Diisopropyl ether	3.84	45	435956	20.321	ug/l	99
23) Vinyl Acetate	3.80	43	1709733	95.799	ug/l	100
24) 1,1-Dichloroethane	3.69	63	229433	19.563	ug/l	98
25) 2-Butanone	4.65	43	563989	102.643	ug/l	98
26) 2,2-Dichloropropane	4.57	77	178356	18.381	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	145238	18.909	ug/l	99
28) Bromochloromethane	5.00	49	95251	20.545	ug/l	100
29) Tetrahydrofuran	5.11	42	342088	100.991	ug/l	99
30) Chloroform	5.20	83	222546	18.711	ug/l	96
31) Cyclohexane	5.57	56	208020	18.805	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	190246	19.141	ug/l	98
36) 1,1-Dichloropropene	5.79	75	169332	19.224	ug/l	99
37) Ethyl Acetate	4.81	43	200765	20.317	ug/l	99
38) Carbon Tetrachloride	5.78	117	160645	19.778	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	215136	19.759	ug/l	95
40) Benzene	6.13	78	521074	19.423	ug/l	97
41) Methacrylonitrile	5.03	41	110064	20.309	ug/l	99
42) 1,2-Dichloroethane	6.18	62	184965	20.216	ug/l	99
43) Isopropyl Acetate	6.43	43	326110	20.045	ug/l	99
44) Trichloroethene	7.20	130	140927	19.140	ug/l	97
45) 1,2-Dichloropropane	7.51	63	136333	20.311	ug/l	100
46) Dibromomethane	7.65	93	89799	19.698	ug/l	97
47) Bromodichloromethane	7.89	83	174078	20.199	ug/l	98
48) Methyl methacrylate	7.76	41	162486	20.556	ug/l	98
49) 1,4-Dioxane	7.73	88	66055	373.333	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1038928	101.524	ug/l	99
52) Toluene	8.78	92	326481	19.589	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	191044	19.475	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	212693	19.846	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	137172	20.424	ug/l	98
56) Ethyl methacrylate	9.17	69	218139	20.202	ug/l	100
57) 1,3-Dichloropropane	9.37	76	228296	19.720	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	406067	95.914	ug/l	99
59) 2-Hexanone	9.48	43	812186	101.762	ug/l	98
60) Dibromochloromethane	9.57	129	137460	19.721	ug/l	99
61) 1,2-Dibromoethane	9.67	107	139043	19.384	ug/l	98
64) Tetrachloroethene	9.33	164	155085	23.682	ug/l	98
65) Chlorobenzene	10.14	112	355668	19.508	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	129117	19.722	ug/l	99
67) Ethyl Benzene	10.25	91	619108	19.761	ug/l	99
68) m/p-Xylenes	10.35	106	472223	39.369	ug/l	99
69) o-Xylene	10.70	106	227937	19.484	ug/l	97
70) Styrene	10.71	104	387016	19.667	ug/l	99
71) Bromoform	10.85	173	107276	19.803	ug/l #	98
73) Isopropylbenzene	11.01	105	610445	20.005	ug/l	100
74) N-amyl acetate	10.89	43	283092	20.252	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	208717	19.723	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	203891m	20.838	ug/l	
77) Bromobenzene	11.25	156	160308	19.446	ug/l	99
78) n-propylbenzene	11.35	91	682778	20.044	ug/l	100
79) 2-Chlorotoluene	11.42	91	404668	19.803	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	507745	20.302	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	67124	18.768	ug/l	94
82) 4-Chlorotoluene	11.51	91	464131	19.611	ug/l	98
83) tert-Butylbenzene	11.76	119	491262	19.328	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	512637	20.196	ug/l	99
85) sec-Butylbenzene	11.94	105	593981	20.459	ug/l	100
86) p-Isopropyltoluene	12.06	119	544402	20.156	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	276343	19.230	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	274890	18.780	ug/l	99
89) n-Butylbenzene	12.38	91	454385	19.725	ug/l	99
90) Hexachloroethane	12.59	117	94255	19.307	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	276709	19.489	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45029	19.539	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	186929	18.891	ug/l	99
94) Hexachlorobutadiene	13.78	225	88936	18.710	ug/l	97
95) Naphthalene	13.83	128	577746	19.606	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	187366	19.124	ug/l	98

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

