

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011020\
 Data File : VX014528.D
 Acq On : 10 Jan 2020 11:43
 Operator : JC/SP
 Sample : VX0110MBSD01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 11:34:45 AM

Quant Time: Jan 10 12:41:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	470378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	697077	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	629825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	318975	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	259247	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
35) Dibromofluoromethane	5.48	113	212734	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	8.71	98	821970	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	11.13	95	291469	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	119242	20.568	ug/l	98
3) Chloromethane	1.32	50	117706	19.631	ug/l	99
4) Vinyl Chloride	1.40	62	137902	20.640	ug/l	100
5) Bromomethane	1.64	94	77113	17.412	ug/l	97
6) Chloroethane	1.72	64	75185	19.875	ug/l	98
7) Trichlorofluoromethane	1.92	101	150226	19.821	ug/l	99
8) Diethyl Ether	2.18	74	67251	19.449	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	88771	19.252	ug/l	98
10) Methyl Iodide	2.50	142	108477	19.647	ug/l	98
11) Tert butyl alcohol	3.02	59	115379	105.234	ug/l	99
12) 1,1-Dichloroethene	2.37	96	89016	19.161	ug/l	98
13) Acrolein	2.28	56	69511	79.098	ug/l	98
14) Allyl chloride	2.72	41	156841	19.229	ug/l	99
15) Acrylonitrile	3.12	53	270646	102.277	ug/l	99
16) Acetone	2.43	43	273014	101.208	ug/l	97
17) Carbon Disulfide	2.56	76	232432	17.931	ug/l	100
18) Methyl Acetate	2.76	43	164086	21.742	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	306580	20.557	ug/l	100
20) Methylene Chloride	2.85	84	104533	19.789	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	95156	18.762	ug/l	99
22) Diisopropyl ether	3.84	45	327240	20.761	ug/l	91
23) Vinyl Acetate	3.80	43	1278411	104.758	ug/l	99
24) 1,1-Dichloroethane	3.69	63	173563	20.241	ug/l	98
25) 2-Butanone	4.65	43	393768	100.390	ug/l	100
26) 2,2-Dichloropropane	4.57	77	137380	18.913	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	110657	19.517	ug/l	98
28) Bromochloromethane	5.00	49	71801	19.872	ug/l	95
29) Tetrahydrofuran	5.11	42	241245	104.027	ug/l	99
30) Chloroform	5.20	83	168310	20.087	ug/l	98
31) Cyclohexane	5.57	56	160583	20.008	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	140628	19.607	ug/l	99
36) 1,1-Dichloropropene	5.79	75	126316	19.269	ug/l	98
37) Ethyl Acetate	4.81	43	147135	20.664	ug/l	99
38) Carbon Tetrachloride	5.78	117	119141	19.750	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	166114	20.170	ug/l	97
40) Benzene	6.13	78	398200	20.466	ug/l	100
41) Methacrylonitrile	5.03	41	80496	21.199	ug/l	98
42) 1,2-Dichloroethane	6.18	62	138434	20.350	ug/l	98
43) Isopropyl Acetate	6.43	43	237778	20.672	ug/l	99
44) Trichloroethene	7.20	130	109163	19.524	ug/l	97
45) 1,2-Dichloropropane	7.50	63	103052	20.775	ug/l	100
46) Dibromomethane	7.65	93	67679	19.548	ug/l	100
47) Bromodichloromethane	7.89	83	127321	20.211	ug/l	96
48) Methyl methacrylate	7.76	41	116662	21.176	ug/l	99
49) 1,4-Dioxane	7.73	88	50282	430.742	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	746845	106.549	ug/l	99
52) Toluene	8.78	92	252063	20.238	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	141595	19.306	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	161478	20.382	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	103784	20.746	ug/l	98
56) Ethyl methacrylate	9.17	69	159133	20.763	ug/l	99
57) 1,3-Dichloropropane	9.36	76	173606	20.755	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	262443	100.645	ug/l	99
59) 2-Hexanone	9.48	43	572432	103.213	ug/l	100
60) Dibromochloromethane	9.57	129	102438	20.373	ug/l	100
61) 1,2-Dibromoethane	9.67	107	106624	20.121	ug/l	100
64) Tetrachloroethene	9.33	164	121087	19.183	ug/l	99
65) Chlorobenzene	10.14	112	268701	19.659	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	96957	19.877	ug/l	98
67) Ethyl Benzene	10.25	91	466573	20.027	ug/l	100
68) m/p-Xylenes	10.35	106	356497	39.665	ug/l	98
69) o-Xylene	10.69	106	172138	20.073	ug/l	98
70) Styrene	10.71	104	292795	19.785	ug/l	99
71) Bromoform	10.85	173	77699	19.469	ug/l #	99
73) Isopropylbenzene	11.01	105	462826	20.663	ug/l	99
74) N-amyl acetate	10.89	43	200408	20.280	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	148628	20.691	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	127463m	19.314	ug/l	
77) Bromobenzene	11.25	156	123796	19.929	ug/l	97
78) n-propylbenzene	11.35	91	520167	20.278	ug/l	99
79) 2-Chlorotoluene	11.42	91	309580	20.249	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	377315	20.290	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48459	19.413	ug/l	92
82) 4-Chlorotoluene	11.51	91	349827	19.493	ug/l	100
83) tert-Butylbenzene	11.76	119	359043	20.434	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	384633	20.469	ug/l	100
85) sec-Butylbenzene	11.94	105	446337	20.433	ug/l	100
86) p-Isopropyltoluene	12.06	119	408249	20.141	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	215653	19.345	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	213345	20.019	ug/l	98
89) n-Butylbenzene	12.39	91	346879	18.717	ug/l	99
90) Hexachloroethane	12.59	117	70225	19.724	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	214109	19.603	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32186	19.920	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	144367	18.763	ug/l	100
94) Hexachlorobutadiene	13.78	225	70547	19.687	ug/l	98
95) Naphthalene	13.83	128	434500	18.262	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	146235	19.272	ug/l	99

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

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