

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021020\
 Data File : VX014892.D
 Acq On : 10 Feb 2020 16:53
 Operator : JC/SP
 Sample : VX0210MBSD01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/11/2020 10:35:31 AM

Quant Time: Feb 11 07:16:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	440405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	650111	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	613221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	323703	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	241917	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
35) Dibromofluoromethane	5.49	113	195245	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
50) Toluene-d8	8.71	98	757357	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.13	95	273848	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	83380	19.992	ug/l	98
3) Chloromethane	1.32	50	95518	20.201	ug/l	99
4) Vinyl Chloride	1.40	62	98887	19.413	ug/l	100
5) Bromomethane	1.64	94	64948	19.698	ug/l	99
6) Chloroethane	1.72	64	62041	19.035	ug/l	96
7) Trichlorofluoromethane	1.93	101	136945	19.242	ug/l	100
8) Diethyl Ether	2.18	74	57793	19.583	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75673	18.318	ug/l	99
10) Methyl Iodide	2.51	142	73313	18.897	ug/l	97
11) Tert butyl alcohol	3.02	59	86747	98.848	ug/l	100
12) 1,1-Dichloroethene	2.37	96	77587	19.220	ug/l	97
13) Acrolein	2.28	56	58872	88.019	ug/l	98
14) Allyl chloride	2.72	41	129150	18.045	ug/l	98
15) Acrylonitrile	3.13	53	215042	96.660	ug/l	100
16) Acetone	2.43	43	194649	64.810	ug/l	99
17) Carbon Disulfide	2.56	76	210061	18.624	ug/l	99
18) Methyl Acetate	2.76	43	94842	18.946	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	252776	19.241	ug/l	97
20) Methylene Chloride	2.85	84	90526	18.933	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	83473	18.740	ug/l	96
22) Diisopropyl ether	3.84	45	265506	19.424	ug/l	99
23) Vinyl Acetate	3.81	43	1133095	100.556	ug/l	98
24) 1,1-Dichloroethane	3.69	63	149400	19.366	ug/l	98
25) 2-Butanone	4.65	43	293730	86.805	ug/l	100
26) 2,2-Dichloropropane	4.58	77	116605	17.539	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	92913	18.661	ug/l	98
28) Bromochloromethane	5.00	49	58784	19.658	ug/l	96
29) Tetrahydrofuran	5.12	42	187241	97.340	ug/l	99
30) Chloroform	5.20	83	147498	19.270	ug/l	98
31) Cyclohexane	5.58	56	129879	18.484	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	127119	18.986	ug/l	99
36) 1,1-Dichloropropene	5.79	75	110342	18.974	ug/l	97
37) Ethyl Acetate	4.82	43	116181	19.155	ug/l	100
38) Carbon Tetrachloride	5.78	117	108564	19.156	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	133188	18.313	ug/l	99
40) Benzene	6.14	78	337301	19.412	ug/l	98
41) Methacrylonitrile	5.03	41	63938	19.568	ug/l	98
42) 1,2-Dichloroethane	6.19	62	119585	19.042	ug/l	99
43) Isopropyl Acetate	6.44	43	193010	19.290	ug/l	99
44) Trichloroethene	7.21	130	95629	18.959	ug/l	97
45) 1,2-Dichloropropane	7.51	63	84732	19.121	ug/l	96
46) Dibromomethane	7.65	93	56732	18.729	ug/l	99
47) Bromodichloromethane	7.89	83	110876	18.461	ug/l	96
48) Methyl methacrylate	7.76	41	94629	19.217	ug/l	99
49) 1,4-Dioxane	7.73	88	36984	401.713	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	596367	98.709	ug/l	100
52) Toluene	8.78	92	214644	19.450	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	123650	18.786	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	136715	18.802	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	85969	19.254	ug/l	94
56) Ethyl methacrylate	9.17	69	130493	19.444	ug/l	99
57) 1,3-Dichloropropane	9.37	76	145241	19.324	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	322420	91.863	ug/l	99
59) 2-Hexanone	9.48	43	451819	95.143	ug/l	100
60) Dibromochloromethane	9.57	129	91479	19.038	ug/l	97
61) 1,2-Dibromoethane	9.67	107	92055	19.108	ug/l	98
64) Tetrachloroethene	9.33	164	95989	16.742	ug/l	98
65) Chlorobenzene	10.14	112	234609	18.863	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	86073	19.062	ug/l	98
67) Ethyl Benzene	10.25	91	402251	19.016	ug/l	100
68) m/p-Xylenes	10.36	106	308114	37.811	ug/l	99
69) o-Xylene	10.70	106	151641	19.359	ug/l	97
70) Styrene	10.71	104	251585	18.985	ug/l	99
71) Bromoform	10.85	173	68841	18.265	ug/l #	100
73) Isopropylbenzene	11.01	105	395492	19.483	ug/l	99
74) N-amyl acetate	10.89	43	163331	19.364	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	128915	19.427	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	108197m	18.484	ug/l	
77) Bromobenzene	11.25	156	107422	18.959	ug/l	99
78) n-propylbenzene	11.35	91	453243	19.304	ug/l	100
79) 2-Chlorotoluene	11.42	91	266161	19.283	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	332435	19.599	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	40148	17.556	ug/l	93
82) 4-Chlorotoluene	11.51	91	311381	19.050	ug/l	100
83) tert-Butylbenzene	11.76	119	314845	19.602	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	337748	19.759	ug/l	100
85) sec-Butylbenzene	11.94	105	383042	19.197	ug/l	100
86) p-Isopropyltoluene	12.06	119	358518	19.201	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	189560	18.649	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	190042	18.309	ug/l	99
89) n-Butylbenzene	12.39	91	307501	18.388	ug/l	99
90) Hexachloroethane	12.59	117	60663	18.604	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	190469	19.108	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27632	17.749	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	136136	18.503	ug/l	99
94) Hexachlorobutadiene	13.78	225	64938	18.248	ug/l	98
95) Naphthalene	13.83	128	389047	19.888	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	134920	18.981	ug/l	99

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

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