

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040120\
 Data File : VX015468.D
 Acq On : 01 Apr 2020 16:08
 Operator : JC/SP
 Sample : VX0401MBSD01
 Misc : 5.0µl/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401MBSD01

Quant Time: Apr 02 10:02:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	1179795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1855198	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1705023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	882433	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	839732	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
35) Dibromofluoromethane	5.47	113	612647	51.66	ug/l	0.00
Spiked Amount			Recovery	=	103.32%	
50) Toluene-d8	8.70	98	2322129	53.18	ug/l	0.00
Spiked Amount			Recovery	=	106.36%	
62) 4-Bromofluorobenzene	11.12	95	951892	53.65	ug/l	0.00
Spiked Amount			Recovery	=	107.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	224987	21.645	ug/l	98
3) Chloromethane	1.31	50	256626	19.387	ug/l	99
4) Vinyl Chloride	1.39	62	240711	19.804	ug/l	99
5) Bromomethane	1.63	94	155892	23.545	ug/l	98
6) Chloroethane	1.71	64	150407	19.953	ug/l	99
7) Trichlorofluoromethane	1.92	101	355712	21.823	ug/l	98
8) Diethyl Ether	2.17	74	131680	19.153	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	236209	22.229	ug/l	97
10) Methyl Iodide	2.49	142	270336	18.869	ug/l	99
11) Tert butyl alcohol	3.01	59	309376	77.678	ug/l	100
12) 1,1-Dichloroethene	2.36	96	230606	20.703	ug/l	94
13) Acrolein	2.27	56	257459	113.479	ug/l	99
14) Allyl chloride	2.71	41	518074	19.906	ug/l	97
15) Acrylonitrile	3.11	53	715095	94.147	ug/l	99
16) Acetone	2.42	43	710697	99.415	ug/l	99
17) Carbon Disulfide	2.55	76	673724	19.828	ug/l	100
18) Methyl Acetate	2.75	43	335756	18.402	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	867892	20.090	ug/l	100
20) Methylene Chloride	2.83	84	260902	19.539	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	248126	20.072	ug/l	99
22) Diisopropyl ether	3.83	45	962674	20.874	ug/l	91
23) Vinyl Acetate	3.78	43	4239934	101.542	ug/l	99
24) 1,1-Dichloroethane	3.67	63	483769	19.923	ug/l	100
25) 2-Butanone	4.63	43	1056180	91.867	ug/l	98
26) 2,2-Dichloropropane	4.55	77	443259	22.240	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	285962	19.995	ug/l	96
28) Bromochloromethane	4.98	49	207379	17.888	ug/l	97
29) Tetrahydrofuran	5.09	42	664183	89.864	ug/l	99
30) Chloroform	5.18	83	469974	20.118	ug/l	97
31) Cyclohexane	5.54	56	459613	21.819	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	434925	20.572	ug/l	99
36) 1,1-Dichloropropene	5.77	75	365672	21.392	ug/l	99
37) Ethyl Acetate	4.79	43	410930	18.463	ug/l	99
38) Carbon Tetrachloride	5.75	117	379645	20.506	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	434552	22.048	ug/l	99
40) Benzene	6.11	78	1037159	20.713	ug/l	99
41) Methacrylonitrile	5.00	41	236957	19.179	ug/l	99
42) 1,2-Dichloroethane	6.16	62	410158	20.393	ug/l	100
43) Isopropyl Acetate	6.41	43	724777	19.290	ug/l	99
44) Trichloroethene	7.19	130	279250	20.449	ug/l	94
45) 1,2-Dichloropropane	7.49	63	278707	20.347	ug/l	97
46) Dibromomethane	7.64	93	180208	20.056	ug/l	96
47) Bromodichloromethane	7.87	83	389237	20.330	ug/l	95
48) Methyl methacrylate	7.75	41	361231	19.248	ug/l	99
49) 1,4-Dioxane	7.72	88	112936	322.585	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2068869	97.162	ug/l	99
52) Toluene	8.76	92	648846	21.018	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	443274	19.741	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	471387	20.608	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	264311	20.898	ug/l	97
56) Ethyl methacrylate	9.16	69	441699	19.816	ug/l	100
57) 1,3-Dichloropropane	9.36	76	456360	20.027	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1220450	112.567	ug/l	98
59) 2-Hexanone	9.47	43	1562852	97.218	ug/l	100
60) Dibromochloromethane	9.56	129	301133	19.814	ug/l	98
61) 1,2-Dibromoethane	9.65	107	271976	19.776	ug/l	100
64) Tetrachloroethene	9.32	164	272536	21.180	ug/l	98
65) Chlorobenzene	10.12	112	687817	20.228	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	265565	19.549	ug/l	99
67) Ethyl Benzene	10.24	91	1279160	21.210	ug/l	98
68) m/p-Xylenes	10.34	106	940806	41.894	ug/l	97
69) o-Xylene	10.68	106	463570	20.890	ug/l	98
70) Styrene	10.70	104	791239	20.263	ug/l	99
71) Bromoform	10.84	173	230172	18.613	ug/l #	99
73) Isopropylbenzene	11.00	105	1229040	21.257	ug/l	100
74) N-amyl acetate	10.88	43	637985	19.839	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	388095	19.561	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	364446m	20.084	ug/l	
77) Bromobenzene	11.24	156	313836	20.349	ug/l	98
78) n-propylbenzene	11.34	91	1451175	21.950	ug/l	99
79) 2-Chlorotoluene	11.40	91	862278	21.279	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1045215	21.167	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	144556	19.114	ug/l	99
82) 4-Chlorotoluene	11.49	91	1012779	21.319	ug/l	99
83) tert-Butylbenzene	11.76	119	1022095	21.191	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	1094352	21.748	ug/l	98
85) sec-Butylbenzene	11.93	105	1210742	21.705	ug/l	98
86) p-Isopropyltoluene	12.05	119	1148245	22.173	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	567834	20.567	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	574438	20.426	ug/l	98
89) n-Butylbenzene	12.37	91	1047800	22.390	ug/l	99
90) Hexachloroethane	12.58	117	201655	20.006	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	553180	20.473	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	93405	16.680	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	420168	19.660	ug/l	96
94) Hexachlorobutadiene	13.77	225	178695	17.561	ug/l	96
95) Naphthalene	13.82	128	1316714	20.197	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	423316	20.572	ug/l	99

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

