

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101119\
 Data File : VX013014.D
 Acq On : 11 Oct 2019 14:23
 Operator : JC/SP
 Sample : VX1011MBS01
 Misc : 5.0µl/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/14/2019 10:39:35 AM

Quant Time: Oct 12 00:04:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	167383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	284151	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	117365	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	105107	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	5.48	113	83139	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
50) Toluene-d8	8.71	98	318680	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	11.14	95	119894	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	33817	19.820 ug/l	97
3) Chloromethane	1.32	50	35839	19.301 ug/l	98
4) Vinyl Chloride	1.40	62	37876	19.763 ug/l	100
5) Bromomethane	1.63	94	20864	26.188 ug/l	97
6) Chloroethane	1.72	64	23991	20.710 ug/l	97
7) Trichlorofluoromethane	1.92	101	53439	20.658 ug/l	99
8) Diethyl Ether	2.18	74	20861	19.979 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	34948	20.875 ug/l	100
10) Methyl Iodide	2.50	142	33479	20.939 ug/l	99
11) Tert butyl alcohol	3.03	59	50615	91.266 ug/l	98
12) 1,1-Dichloroethene	2.36	96	34322	20.291 ug/l	98
13) Acrolein	2.28	56	26287	66.697 ug/l	99
14) Allyl chloride	2.72	41	60427	20.060 ug/l	98
15) Acrylonitrile	3.13	53	109483	104.171 ug/l	99
16) Acetone	2.43	43	112329	101.864 ug/l	99
17) Carbon Disulfide	2.56	76	85838	17.797 ug/l	99
18) Methyl Acetate	2.76	43	52743	20.179 ug/l	100
19) Methyl tert-butyl Ether	3.18	73	122484	20.969 ug/l	99
20) Methylene Chloride	2.85	84	40559	20.013 ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	37133	20.482 ug/l	93
22) Diisopropyl ether	3.84	45	122546	21.231 ug/l	90
23) Vinyl Acetate	3.80	43	514732	103.299 ug/l	99
24) 1,1-Dichloroethane	3.69	63	67811	20.883 ug/l	99
25) 2-Butanone	4.66	43	155057	101.352 ug/l	98
26) 2,2-Dichloropropane	4.58	77	56481	20.684 ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	43133	20.640 ug/l	100
28) Bromochloromethane	5.00	49	21977	22.399 ug/l	99
29) Tetrahydrofuran	5.12	42	93775	99.608 ug/l	99
30) Chloroform	5.20	83	70178	21.062 ug/l	100
31) Cyclohexane	5.57	56	61194	20.153 ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	58758	20.813 ug/l	100
36) 1,1-Dichloropropene	5.79	75	51215	20.500 ug/l	99
37) Ethyl Acetate	4.82	43	55956	20.030 ug/l	100
38) Carbon Tetrachloride	5.78	117	48037	19.755 ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	61284	20.228	ug/l	100
40) Benzene	6.14	78	151974	20.596	ug/l	97
41) Methacrylonitrile	5.03	41	30381	19.792	ug/l	97
42) 1,2-Dichloroethane	6.18	62	55790	21.071	ug/l	98
43) Isopropyl Acetate	6.43	43	89801	20.028	ug/l	98
44) Trichloroethene	7.20	130	40444	19.766	ug/l	90
45) 1,2-Dichloropropane	7.51	63	39699	21.110	ug/l	100
46) Dibromomethane	7.65	93	25883	20.658	ug/l	98
47) Bromodichloromethane	7.89	83	50527	20.664	ug/l	99
48) Methyl methacrylate	7.76	41	44041	20.156	ug/l	99
49) 1,4-Dioxane	7.73	88	20991	380.519	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	290209	103.813	ug/l	100
52) Toluene	8.78	92	97002	20.549	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	54751	19.333	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	60929	20.260	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	40203	21.520	ug/l	95
56) Ethyl methacrylate	9.17	69	62674	19.880	ug/l	99
57) 1,3-Dichloropropane	9.37	76	67017	20.739	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	137038	99.855	ug/l	100
59) 2-Hexanone	9.48	43	221117	101.611	ug/l	98
60) Dibromochloromethane	9.58	129	37537	19.242	ug/l	99
61) 1,2-Dibromoethane	9.67	107	40294	20.504	ug/l	97
64) Tetrachloroethene	9.33	164	38060	21.868	ug/l	97
65) Chlorobenzene	10.14	112	102978	20.666	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	36092	20.890	ug/l	99
67) Ethyl Benzene	10.25	91	184343	20.827	ug/l	97
68) m/p-Xylenes	10.35	106	140531	42.499	ug/l	99
69) o-Xylene	10.70	106	68735	21.316	ug/l	97
70) Styrene	10.71	104	115811	21.126	ug/l	99
71) Bromoform	10.85	173	25168	19.161	ug/l #	95
73) Isopropylbenzene	11.01	105	182216	21.117	ug/l	100
74) N-amyl acetate	10.89	43	74517	20.052	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	59631	20.778	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	56245m	21.607	ug/l	
77) Bromobenzene	11.25	156	42412	20.858	ug/l	97
78) n-propylbenzene	11.35	91	201397	21.211	ug/l	99
79) 2-Chlorotoluene	11.42	91	125632	21.053	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	155944	21.643	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	16489	19.042	ug/l	98
82) 4-Chlorotoluene	11.51	91	143437	20.971	ug/l	99
83) tert-Butylbenzene	11.76	119	148439	21.119	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	154071	21.114	ug/l	100
85) sec-Butylbenzene	11.94	105	170620	20.953	ug/l	100
86) p-Isopropyltoluene	12.06	119	155714	20.619	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	76971	20.384	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	76876	20.102	ug/l	99
89) n-Butylbenzene	12.38	91	135407	21.333	ug/l	98
90) Hexachloroethane	12.59	117	24525	18.909	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	77052	20.815	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13070	19.430	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	46138	19.896	ug/l	97
94) Hexachlorobutadiene	13.77	225	21770	20.342	ug/l	100
95) Naphthalene	13.83	128	163725	20.367	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	48490	20.235	ug/l	99

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

