

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
 Data File : VX010294.D
 Acq On : 14 Jun 2019 12:46
 Operator : JC/SP
 Sample : VX0614MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/17/2019 10:36:02 AM

Quant Time: Jun 14 16:27:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	424082	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	383562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193818	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	128288	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
35) Dibromofluoromethane	5.50	113	126987	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	8.71	98	474679	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
62) 4-Bromofluorobenzene	11.13	95	170261	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41879	16.137	ug/l	99
3) Chloromethane	1.33	50	40264	15.623	ug/l	100
4) Vinyl Chloride	1.41	62	44170	18.235	ug/l	100
5) Bromomethane	1.64	94	22983	25.144	ug/l	96
6) Chloroethane	1.72	64	26044	21.325	ug/l	99
7) Trichlorofluoromethane	1.93	101	67512	18.763	ug/l	97
8) Diethyl Ether	2.19	74	24083	19.419	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	2.39	101	39020	15.732	ug/l	91
10) Methyl Iodide	2.51	142	53148	13.830	ug/l	98
11) Tert butyl alcohol	3.04	59	65116	96.552	ug/l	98
12) 1,1-Dichloroethene	2.37	96	40356	15.930	ug/l #	78
13) Acrolein	2.29	56	8018	65.201	ug/l	94
14) Allyl chloride	2.73	41	57853	15.129	ug/l #	86
15) Acrylonitrile	3.14	53	115121	83.512	ug/l	99
16) Acetone	2.44	43	110029	84.974	ug/l	90
17) Carbon Disulfide	2.57	76	96766	13.220	ug/l	97
18) Methyl Acetate	2.78	43	50124	17.602	ug/l #	82
19) Methyl tert-butyl Ether	3.20	73	129371	15.896	ug/l	92
20) Methylene Chloride	2.86	84	45704	16.072	ug/l #	75
21) trans-1,2-Dichloroethene	3.17	96	42051	14.999	ug/l #	76
22) Diisopropyl ether	3.85	45	122001	16.687	ug/l #	94
23) Vinyl Acetate	3.82	43	528653	81.052	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	69981	15.765	ug/l	95
25) 2-Butanone	4.67	43	164504	85.316	ug/l #	81
26) 2,2-Dichloropropane	4.59	77	60152	14.853	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	50628	16.233	ug/l	76
28) Bromochloromethane	5.01	49	31793	15.981	ug/l #	22
29) Tetrahydrofuran	5.13	42	100348	82.812	ug/l #	74
30) Chloroform	5.21	83	75131	16.297	ug/l	96
31) Cyclohexane	5.58	56	61262	15.291	ug/l #	77
32) 1,1,1-Trichloroethane	5.49	97	65762	15.173	ug/l	93
36) 1,1-Dichloropropene	5.80	75	51708	14.945	ug/l	90
37) Ethyl Acetate	4.83	43	58952	16.376	ug/l #	90
38) Carbon Tetrachloride	5.79	117	58259	14.877	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69879	14.832	ug/l #	82
40) Benzene	6.14	78	175141	16.370	ug/l	97
41) Methacrylonitrile	5.04	41	30871	15.853	ug/l #	80
42) 1,2-Dichloroethane	6.19	62	54879	16.068	ug/l	93
43) Isopropyl Acetate	6.45	43	97208	16.150	ug/l #	90
44) Trichloroethene	7.21	130	52011	16.128	ug/l	85
45) 1,2-Dichloropropane	7.51	63	44841	16.746	ug/l	98
46) Dibromomethane	7.66	93	30673	15.290	ug/l	89
47) Bromodichloromethane	7.90	83	57757	15.407	ug/l #	97
48) Methyl methacrylate	7.77	41	44705	15.882	ug/l #	77
49) 1,4-Dioxane	7.74	88	26063	324.747	ug/l #	83
51) 4-Methyl-2-Pentanone	8.64	43	314081	87.348	ug/l	90
52) Toluene	8.78	92	112719	16.028	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	64101	14.784	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	69417	14.934	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	48563	16.861	ug/l	97
56) Ethyl methacrylate	9.18	69	72051	15.837	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	73878	16.293	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	202521	94.423	ug/l #	86
59) 2-Hexanone	9.49	43	248002	86.505	ug/l	89
60) Dibromochloromethane	9.58	129	52156	15.310	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50514	15.747	ug/l	99
64) Tetrachloroethene	9.34	164	49813	17.486	ug/l	98
65) Chlorobenzene	10.13	112	129901	16.409	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	47810	15.705	ug/l	99
67) Ethyl Benzene	10.25	91	216339	16.053	ug/l	93
68) m/p-Xylenes	10.36	106	168252	32.263	ug/l	90
69) o-Xylene	10.69	106	83928	16.190	ug/l	89
70) Styrene	10.71	104	140738	16.030	ug/l	94
71) Bromoform	10.85	173	41021	14.657	ug/l #	99
73) Isopropylbenzene	11.02	105	216338	15.990	ug/l	96
74) N-amyl acetate	10.90	43	83482	15.609	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	76208	16.455	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	62188m	16.041	ug/l	
77) Bromobenzene	11.25	156	59869	16.091	ug/l	80
78) n-propylbenzene	11.36	91	238279	15.819	ug/l	95
79) 2-Chlorotoluene	11.42	91	141000	15.586	ug/l	89
80) 1,3,5-Trimethylbenzene	11.51	105	179681	15.767	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	24052	13.708	ug/l	88
82) 4-Chlorotoluene	11.51	91	160047	15.574	ug/l	89
83) tert-Butylbenzene	11.77	119	181699	15.753	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	184455	16.025	ug/l	96
85) sec-Butylbenzene	11.94	105	215196	16.014	ug/l	96
86) p-Isopropyltoluene	12.06	119	195981	15.954	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	104984	16.019	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	106733	16.156	ug/l	98
89) n-Butylbenzene	12.38	91	164782	15.583	ug/l	97
90) Hexachloroethane	12.59	117	33068	13.513	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	106574	16.727	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15240	13.984	ug/l	64

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	72719	15.593	ug/l	99
94) Hexachlorobutadiene	13.78	225	35458	17.096	ug/l	99
95) Naphthalene	13.83	128	236015	16.076	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	74808	16.223	ug/l	98

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

