

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061319\
 Data File : VX010273.D
 Acq On : 13 Jun 2019 15:25
 Operator : JC/SP
 Sample : VX0613MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2019 9:17:35 AM

Quant Time: Jun 14 03:54:39 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	5.66	168	269159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	410651	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	371682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191579	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	132726	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
35) Dibromofluoromethane	5.50	113	132131	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
50) Toluene-d8	8.71	98	496441	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
62) 4-Bromofluorobenzene	11.13	95	178200	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	50760	20.495	ug/l	98
3) Chloromethane	1.33	50	48086	19.550	ug/l	99
4) Vinyl Chloride	1.41	62	51141	22.123	ug/l	98
5) Bromomethane	1.64	94	25331	29.038	ug/l	99
6) Chloroethane	1.72	64	30695	26.336	ug/l	100
7) Trichlorofluoromethane	1.93	101	79226	23.072	ug/l	98
8) Diethyl Ether	2.19	74	28634	24.194	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46401	19.603	ug/l	92
10) Methyl Iodide	2.51	142	67488	18.402	ug/l	97
11) Tert butyl alcohol	3.04	59	75947	118.001	ug/l	98
12) 1,1-Dichloroethene	2.37	96	46581	19.267	ug/l #	77
13) Acrolein	2.29	56	9630	82.057	ug/l	96
14) Allyl chloride	2.73	41	66764	18.295	ug/l #	87
15) Acrylonitrile	3.14	53	136442	103.716	ug/l	99
16) Acetone	2.44	43	117117	94.776	ug/l #	87
17) Carbon Disulfide	2.57	76	116299	16.648	ug/l	99
18) Methyl Acetate	2.78	43	56590	20.823	ug/l #	84
19) Methyl tert-butyl Ether	3.20	73	151501	19.506	ug/l	93
20) Methylene Chloride	2.86	84	52080	19.190	ug/l #	77
21) trans-1,2-Dichloroethene	3.17	96	49106	18.354	ug/l #	78
22) Diisopropyl ether	3.85	45	141564	20.289	ug/l #	93
23) Vinyl Acetate	3.81	43	617528	99.209	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	82139	19.389	ug/l #	92
25) 2-Butanone	4.67	43	188319	102.341	ug/l #	85
26) 2,2-Dichloropropane	4.59	77	63359	16.394	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	59451	19.974	ug/l	76
28) Bromochloromethane	5.02	49	36037	18.981	ug/l #	51
29) Tetrahydrofuran	5.13	42	120035	103.798	ug/l #	76
30) Chloroform	5.21	83	86223	19.598	ug/l	98
31) Cyclohexane	5.59	56	72901	19.067	ug/l #	79
32) 1,1,1-Trichloroethane	5.49	97	78100	18.883	ug/l	94
36) 1,1-Dichloropropene	5.80	75	61138	18.249	ug/l	91
37) Ethyl Acetate	4.84	43	68476	19.644	ug/l #	90
38) Carbon Tetrachloride	5.79	117	69257	18.263	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	81415	17.846	ug/l #	80
40) Benzene	6.14	78	203942	19.686	ug/l	99
41) Methacrylonitrile	5.04	41	36456	19.334	ug/l #	82
42) 1,2-Dichloroethane	6.20	62	63739	19.272	ug/l	93
43) Isopropyl Acetate	6.45	43	113325	19.444	ug/l #	89
44) Trichloroethene	7.21	130	59758	19.137	ug/l	87
45) 1,2-Dichloropropane	7.51	63	51717	19.945	ug/l	97
46) Dibromomethane	7.66	93	36904	18.997	ug/l	91
47) Bromodichloromethane	7.90	83	67875	18.699	ug/l	98
48) Methyl methacrylate	7.77	41	52473	19.251	ug/l #	76
49) 1,4-Dioxane	7.74	88	31041	399.424	ug/l #	82
51) 4-Methyl-2-Pentanone	8.64	43	367572	105.568	ug/l	89
52) Toluene	8.78	92	132548	19.464	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	72338	17.229	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	80736	17.937	ug/l #	87
55) 1,1,2-Trichloroethane	9.21	97	55804	20.009	ug/l	97
56) Ethyl methacrylate	9.18	69	84788	19.246	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	84799	19.313	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	185666	89.396	ug/l #	86
59) 2-Hexanone	9.49	43	287212	103.458	ug/l	88
60) Dibromochloromethane	9.58	129	61390	18.609	ug/l	99
61) 1,2-Dibromoethane	9.67	107	59855	19.270	ug/l	100
64) Tetrachloroethene	9.34	164	58532	21.203	ug/l	95
65) Chlorobenzene	10.13	112	151203	19.710	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	57125	19.364	ug/l	99
67) Ethyl Benzene	10.25	91	251356	19.248	ug/l	94
68) m/p-Xylenes	10.36	106	197283	39.039	ug/l	89
69) o-Xylene	10.69	106	97452	19.400	ug/l	89
70) Styrene	10.71	104	163417	19.208	ug/l	95
71) Bromoform	10.85	173	48981	18.061	ug/l #	100
73) Isopropylbenzene	11.02	105	259287	19.388	ug/l	96
74) N-amyl acetate	10.90	43	99522	18.826	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	88482	19.328	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	71926m	18.770	ug/l	
77) Bromobenzene	11.26	156	70721	19.230	ug/l	80
78) n-propylbenzene	11.36	91	279265	18.757	ug/l	94
79) 2-Chlorotoluene	11.42	91	165348	18.491	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	212788	18.891	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	28740	16.571	ug/l	87
82) 4-Chlorotoluene	11.51	91	192173	18.919	ug/l	91
83) tert-Butylbenzene	11.77	119	215076	18.865	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	214899	18.888	ug/l	97
85) sec-Butylbenzene	11.94	105	249721	18.801	ug/l	95
86) p-Isopropyltoluene	12.06	119	231176	19.039	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	125857	19.429	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	124667	19.091	ug/l	98
89) n-Butylbenzene	12.38	91	192046	18.374	ug/l	97
90) Hexachloroethane	12.60	117	41292	17.071	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	127484	20.243	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19114	17.743	ug/l	67

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86266	18.713	ug/l	99
94) Hexachlorobutadiene	13.78	225	40602	19.804	ug/l	99
95) Naphthalene	13.83	128	279913	19.289	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	86413	18.959	ug/l	98

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

