

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061719\
 Data File : VX010329.D
 Acq On : 17 Jun 2019 17:32
 Operator : JC/SP
 Sample : VX0617MBS02
 Misc : 5.0µL/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617MBS02

Manual Integrations
 APPROVED

MMDadoda
 6/18/2019 11:26:59 AM

Quant Time: Jun 18 02:22:26 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	309259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	460078	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	415983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212703	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	156147	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
35) Dibromofluoromethane	5.50	113	155634	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	
50) Toluene-d8	8.71	98	579705	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	
62) 4-Bromofluorobenzene	11.13	95	213243	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56475	19.846	ug/l	98
3) Chloromethane	1.33	50	51338	18.166	ug/l	100
4) Vinyl Chloride	1.41	62	54145	20.385	ug/l	99
5) Bromomethane	1.64	94	27425	27.362	ug/l	97
6) Chloroethane	1.72	64	35263	26.333	ug/l	98
7) Trichlorofluoromethane	1.93	101	90481	22.933	ug/l	98
8) Diethyl Ether	2.19	74	30541	22.459	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54326	19.975	ug/l	90
10) Methyl Iodide	2.51	142	72741	17.263	ug/l	97
11) Tert butyl alcohol	3.04	59	86032	116.338	ug/l	98
12) 1,1-Dichloroethene	2.37	96	53881	19.397	ug/l #	77
13) Acrolein	2.29	56	9571	70.980	ug/l	95
14) Allyl chloride	2.73	41	79710	19.010	ug/l #	88
15) Acrylonitrile	3.14	53	155124	102.627	ug/l	99
16) Acetone	2.45	43	150403	105.931	ug/l #	89
17) Carbon Disulfide	2.57	76	128265	15.981	ug/l	99
18) Methyl Acetate	2.78	43	67580	21.643	ug/l #	81
19) Methyl tert-butyl Ether	3.20	73	178868	20.043	ug/l	91
20) Methylene Chloride	2.85	84	60705	19.468	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	57624	18.745	ug/l #	77
22) Diisopropyl ether	3.85	45	163538	20.399	ug/l #	93
23) Vinyl Acetate	3.81	43	716395	100.169	ug/l #	89
24) 1,1-Dichloroethane	3.70	63	93954	19.302	ug/l	96
25) 2-Butanone	4.67	43	225485	106.650	ug/l #	83
26) 2,2-Dichloropropane	4.59	77	84782	19.093	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	68906	20.149	ug/l	77
28) Bromochloromethane	5.01	49	39770	18.231	ug/l #	48
29) Tetrahydrofuran	5.13	42	134577	101.284	ug/l #	76
30) Chloroform	5.21	83	100983	19.977	ug/l	99
31) Cyclohexane	5.58	56	81815	18.624	ug/l #	75
32) 1,1,1-Trichloroethane	5.50	97	91516	19.257	ug/l	94
36) 1,1-Dichloropropene	5.80	75	71867	19.146	ug/l	92
37) Ethyl Acetate	4.83	43	76954	19.704	ug/l #	89
38) Carbon Tetrachloride	5.79	117	81617	19.211	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	95013	18.589	ug/l #	83
40) Benzene	6.14	78	231173	19.917	ug/l	99
41) Methacrylonitrile	5.04	41	41695	19.736	ug/l #	81
42) 1,2-Dichloroethane	6.20	62	75723	20.436	ug/l	95
43) Isopropyl Acetate	6.45	43	130055	19.917	ug/l #	89
44) Trichloroethene	7.21	130	69164	19.769	ug/l	83
45) 1,2-Dichloropropane	7.51	63	60235	20.735	ug/l	97
46) Dibromomethane	7.66	93	41733	19.175	ug/l	89
47) Bromodichloromethane	7.90	83	78458	19.292	ug/l #	99
48) Methyl methacrylate	7.77	41	60770	19.900	ug/l #	76
49) 1,4-Dioxane	7.74	88	36177	415.501	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	421327	108.006	ug/l	89
52) Toluene	8.78	92	151516	19.859	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	86382	18.364	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	95247	18.887	ug/l #	90
55) 1,1,2-Trichloroethane	9.21	97	66135	21.166	ug/l	97
56) Ethyl methacrylate	9.18	69	99111	20.080	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	98705	20.065	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	225092	96.736	ug/l #	86
59) 2-Hexanone	9.49	43	338084	108.699	ug/l	88
60) Dibromochloromethane	9.58	129	71610	19.375	ug/l	100
61) 1,2-Dibromoethane	9.67	107	68577	19.706	ug/l	99
64) Tetrachloroethene	9.34	164	67607	21.882	ug/l	97
65) Chlorobenzene	10.14	112	172500	20.092	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	64548	19.550	ug/l	98
67) Ethyl Benzene	10.25	91	294160	20.126	ug/l	95
68) m/p-Xylenes	10.36	106	225756	39.916	ug/l	91
69) o-Xylene	10.69	106	112210	19.959	ug/l	89
70) Styrene	10.71	104	188165	19.761	ug/l	95
71) Bromoform	10.85	173	56195	18.514	ug/l #	99
73) Isopropylbenzene	11.02	105	295521	19.903	ug/l	94
74) N-amyl acetate	10.90	43	117901	20.087	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.27	83	99837	19.643	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	83694m	19.672	ug/l	
77) Bromobenzene	11.26	156	80973	19.831	ug/l	82
78) n-propylbenzene	11.36	91	324865	19.653	ug/l	94
79) 2-Chlorotoluene	11.42	91	193541	19.495	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	248140	19.842	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	34327	17.827	ug/l	87
82) 4-Chlorotoluene	11.51	91	221645	19.653	ug/l	90
83) tert-Butylbenzene	11.77	119	250880	19.820	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	250433	19.825	ug/l	97
85) sec-Butylbenzene	11.94	105	293666	19.914	ug/l	96
86) p-Isopropyltoluene	12.06	119	268923	19.948	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	144300	20.064	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	143343	19.771	ug/l	99
89) n-Butylbenzene	12.38	91	227704	19.622	ug/l	97
90) Hexachloroethane	12.60	117	45820	17.062	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	142806	20.424	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21832	18.254	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	101101	19.754	ug/l	99
94) Hexachlorobutadiene	13.78	225	45994	20.207	ug/l	99
95) Naphthalene	13.83	128	324595	20.147	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	102511	20.257	ug/l	98

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

