

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061719\
 Data File : VX010325.D
 Acq On : 17 Jun 2019 15:35
 Operator : JC/SP
 Sample : VX0617MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/18/2019 11:26:46 AM

Quant Time: Jun 17 16:28:42 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	296095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	438457	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	391834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204632	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	148409	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
35) Dibromofluoromethane	5.50	113	145964	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
50) Toluene-d8	8.71	98	538616	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
62) 4-Bromofluorobenzene	11.13	95	195630	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47593	17.469	ug/l	96
3) Chloromethane	1.33	50	42583	15.738	ug/l	98
4) Vinyl Chloride	1.41	62	42758	16.814	ug/l	98
5) Bromomethane	1.64	94	22975	23.942	ug/l	96
6) Chloroethane	1.72	64	25343	19.766	ug/l	99
7) Trichlorofluoromethane	1.93	101	70433	18.646	ug/l	98
8) Diethyl Ether	2.19	74	24107	18.516	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43550	16.725	ug/l	92
10) Methyl Iodide	2.51	142	51674	12.808	ug/l	97
11) Tert butyl alcohol	3.04	59	66805	94.354	ug/l	97
12) 1,1-Dichloroethene	2.37	96	41849	15.735	ug/l	80
13) Acrolein	2.29	56	8296	64.260	ug/l	96
14) Allyl chloride	2.73	41	61946	15.430	ug/l #	85
15) Acrylonitrile	3.14	53	123515	85.348	ug/l	99
16) Acetone	2.44	43	120882	88.924	ug/l	90
17) Carbon Disulfide	2.57	76	100096	13.025	ug/l	99
18) Methyl Acetate	2.78	43	54653	18.281	ug/l #	84
19) Methyl tert-butyl Ether	3.20	73	140744	16.472	ug/l	95
20) Methylene Chloride	2.85	84	49110	16.450	ug/l #	79
21) trans-1,2-Dichloroethene	3.17	96	44595	15.152	ug/l #	77
22) Diisopropyl ether	3.85	45	131318	17.109	ug/l #	94
23) Vinyl Acetate	3.81	43	571302	83.433	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	76336	16.380	ug/l	97
25) 2-Butanone	4.67	43	177612	87.742	ug/l #	86
26) 2,2-Dichloropropane	4.59	77	67391	15.851	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	53821	16.438	ug/l	79
28) Bromochloromethane	5.02	49	37355	17.885	ug/l #	49
29) Tetrahydrofuran	5.13	42	106862	84.001	ug/l #	76
30) Chloroform	5.21	83	80157	16.562	ug/l	99
31) Cyclohexane	5.58	56	66207	15.741	ug/l #	76
32) 1,1,1-Trichloroethane	5.49	97	71885	15.799	ug/l	94
36) 1,1-Dichloropropene	5.80	75	56034	15.664	ug/l	92
37) Ethyl Acetate	4.83	43	61020	16.395	ug/l #	89
38) Carbon Tetrachloride	5.79	117	63571	15.701	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	73681	15.127	ug/l #	85
40) Benzene	6.14	78	180334	16.303	ug/l	99
41) Methacrylonitrile	5.05	41	33449	16.614	ug/l #	82
42) 1,2-Dichloroethane	6.20	62	57612	16.315	ug/l	94
43) Isopropyl Acetate	6.45	43	103203	16.584	ug/l #	90
44) Trichloroethene	7.21	130	52969	15.887	ug/l	90
45) 1,2-Dichloropropane	7.51	63	46659	16.853	ug/l	99
46) Dibromomethane	7.66	93	33281	16.046	ug/l	91
47) Bromodichloromethane	7.90	83	62049	16.010	ug/l #	98
48) Methyl methacrylate	7.77	41	48922	16.810	ug/l #	78
49) 1,4-Dioxane	7.74	88	27636	333.057	ug/l #	82
51) 4-Methyl-2-Pentanone	8.64	43	331384	89.139	ug/l	89
52) Toluene	8.78	92	117096	16.104	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	68701	15.325	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	75052	15.617	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	51463	17.282	ug/l	98
56) Ethyl methacrylate	9.18	69	76861	16.340	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	77454	16.521	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	210228	94.803	ug/l #	86
59) 2-Hexanone	9.49	43	265569	89.595	ug/l	90
60) Dibromochloromethane	9.58	129	55520	15.763	ug/l	99
61) 1,2-Dibromoethane	9.67	107	53041	15.993	ug/l	97
64) Tetrachloroethene	9.34	164	50439	17.332	ug/l	96
65) Chlorobenzene	10.13	112	135536	16.759	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	51627	16.600	ug/l	99
67) Ethyl Benzene	10.25	91	229072	16.639	ug/l	95
68) m/p-Xylenes	10.36	106	178261	33.461	ug/l	90
69) o-Xylene	10.69	106	89870	16.970	ug/l	87
70) Styrene	10.71	104	149361	16.653	ug/l	94
71) Bromoform	10.85	173	44931	15.715	ug/l #	97
73) Isopropylbenzene	11.02	105	234836	16.440	ug/l	97
74) N-amyl acetate	10.90	43	93080	16.484	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	79760	16.312	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	66185m	16.170	ug/l	
77) Bromobenzene	11.25	156	64864	16.512	ug/l	79
78) n-propylbenzene	11.36	91	256503	16.129	ug/l	94
79) 2-Chlorotoluene	11.42	91	151357	15.847	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	194971	16.205	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	26343	14.220	ug/l	86
82) 4-Chlorotoluene	11.51	91	173567	15.997	ug/l	90
83) tert-Butylbenzene	11.77	119	196217	16.113	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	196658	16.182	ug/l	96
85) sec-Butylbenzene	11.94	105	234089	16.500	ug/l	95
86) p-Isopropyltoluene	12.06	119	213975	16.498	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	114042	16.482	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	113106	16.216	ug/l	98
89) n-Butylbenzene	12.38	91	184308	16.509	ug/l	96
90) Hexachloroethane	12.59	117	37594	14.551	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	114698	17.051	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18085	15.717	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	83217	16.901	ug/l	99
94) Hexachlorobutadiene	13.78	225	38901	17.764	ug/l	99
95) Naphthalene	13.83	128	265376	17.121	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	84829	17.424	ug/l	99

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

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