

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022719\
 Data File : VX007734.D
 Acq On : 27 Feb 2019 15:24
 Operator : JC/SP
 Sample : VX0227MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227MBS01

Manual Integrations
 APPROVED

MMDadoda
 2/28/2019 12:22:48 PM

Quant Time: Feb 28 04:21:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	290635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	421853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	384962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195521	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	179494	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
35) Dibromofluoromethane	5.50	113	146299	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
50) Toluene-d8	8.71	98	551840	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	11.13	95	196911	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49848	18.619	ug/l	97
3) Chloromethane	1.33	50	54634	18.415	ug/l	100
4) Vinyl Chloride	1.41	62	57912	19.026	ug/l	100
5) Bromomethane	1.64	94	36947	18.284	ug/l	97
6) Chloroethane	1.73	64	36627	18.834	ug/l	99
7) Trichlorofluoromethane	1.93	101	81792	17.528	ug/l	99
8) Diethyl Ether	2.19	74	34066	17.789	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48601	17.232	ug/l	98
10) Methyl Iodide	2.51	142	67633	19.259	ug/l	99
11) Tert butyl alcohol	3.07	59	66789	97.780	ug/l	99
12) 1,1-Dichloroethene	2.38	96	46101	18.134	ug/l	94
13) Acrolein	2.30	56	49636	81.777	ug/l	99
14) Allyl chloride	2.73	41	94372	20.076	ug/l	95
15) Acrylonitrile	3.15	53	161907	100.724	ug/l	99
16) Acetone	2.45	43	153552	95.913	ug/l	99
17) Carbon Disulfide	2.57	76	124443	17.595	ug/l	99
18) Methyl Acetate	2.78	43	74556	21.342	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	163879	18.511	ug/l	98
20) Methylene Chloride	2.86	84	52754	17.845	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	49078	17.758	ug/l	89
22) Diisopropyl ether	3.87	45	196649	20.096	ug/l	96
23) Vinyl Acetate	3.82	43	845496	98.482	ug/l	98
24) 1,1-Dichloroethane	3.70	63	101203	19.030	ug/l	98
25) 2-Butanone	4.70	43	251430	103.102	ug/l	93
26) 2,2-Dichloropropane	4.59	77	72428	17.061	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	61463	17.478	ug/l	91
28) Bromochloromethane	5.02	49	47542	18.363	ug/l	84
29) Tetrahydrofuran	5.15	42	161631	100.548	ug/l	93
30) Chloroform	5.21	83	102837	18.052	ug/l	99
31) Cyclohexane	5.57	56	91622	18.315	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	85876	18.228	ug/l	97
36) 1,1-Dichloropropene	5.80	75	74968	19.767	ug/l	97
37) Ethyl Acetate	4.85	43	92288	21.906	ug/l	99
38) Carbon Tetrachloride	5.78	117	74253	19.490	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	90297	18.838	ug/l	94
40) Benzene	6.14	78	234878	20.062	ug/l	99
41) Methacrylonitrile	5.06	41	52309	23.252	ug/l	94
42) 1,2-Dichloroethane	6.20	62	83961	21.337	ug/l	100
43) Isopropyl Acetate	6.46	43	141001	21.746	ug/l	97
44) Trichloroethene	7.21	130	64114	19.907	ug/l	94
45) 1,2-Dichloropropane	7.51	63	62229	20.519	ug/l	99
46) Dibromomethane	7.66	93	39819	18.820	ug/l	99
47) Bromodichloromethane	7.90	83	72357	19.735	ug/l	98
48) Methyl methacrylate	7.77	41	75800	22.302	ug/l	90
49) 1,4-Dioxane	7.75	88	29556	402.624	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	476565	109.801	ug/l	98
52) Toluene	8.78	92	146450	19.837	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	78274	19.012	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	87891	19.753	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	60591	19.681	ug/l	98
56) Ethyl methacrylate	9.18	69	89973	20.551	ug/l	94
57) 1,3-Dichloropropane	9.37	76	100379	20.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	249240	103.238	ug/l	97
59) 2-Hexanone	9.49	43	364417	106.946	ug/l	98
60) Dibromochloromethane	9.58	129	58785	19.844	ug/l	98
61) 1,2-Dibromoethane	9.67	107	63814	19.965	ug/l	99
64) Tetrachloroethene	9.34	164	66159	21.170	ug/l	99
65) Chlorobenzene	10.14	112	162560	19.524	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	58003	19.972	ug/l	100
67) Ethyl Benzene	10.25	91	269189	19.517	ug/l	100
68) m/p-Xylenes	10.36	106	205691	38.335	ug/l	95
69) o-Xylene	10.69	106	100312	19.436	ug/l	96
70) Styrene	10.71	104	164511	19.392	ug/l	99
71) Bromoform	10.85	173	44778	20.561	ug/l	98
73) Isopropylbenzene	11.02	105	269000	19.250	ug/l	99
74) N-amyl acetate	10.90	43	120858	19.916	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	89315	18.479	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	76585m	18.376	ug/l	
77) Bromobenzene	11.26	156	73008	20.830	ug/l	94
78) n-propylbenzene	11.36	91	298807	18.923	ug/l	98
79) 2-Chlorotoluene	11.42	91	180745	19.010	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	221960	19.310	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	23939	17.475	ug/l	91
82) 4-Chlorotoluene	11.51	91	207191	18.628	ug/l	98
83) tert-Butylbenzene	11.77	119	214356	19.423	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	225630	19.190	ug/l	98
85) sec-Butylbenzene	11.94	105	262225	18.961	ug/l	99
86) p-Isopropyltoluene	12.06	119	233204	19.255	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	126319	19.429	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	126852	19.051	ug/l	98
89) n-Butylbenzene	12.38	91	193474	17.912	ug/l	99
90) Hexachloroethane	12.60	117	36202	17.740	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	128137	19.698	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18795	17.847	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	85094	21.430	ug/l	99
94) Hexachlorobutadiene	13.78	225	46378	25.531	ug/l	99
95) Naphthalene	13.83	128	252065	19.593	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	87837	22.030	ug/l	100

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

