

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030119\
 Data File : VX007786.D
 Acq On : 01 Mar 2019 13:40
 Operator : JC/SP
 Sample : VX0301MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301MBS01

Manual Integrations
 APPROVED

MMDadoda
 3/4/2019 1:36:06 PM

Quant Time: Mar 01 22:37:44 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	295992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	430410	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	384376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195313	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	168895	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
35) Dibromofluoromethane	5.50	113	143169	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
50) Toluene-d8	8.71	98	535295	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
62) 4-Bromofluorobenzene	11.13	95	189460	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48930	17.945	ug/l	99
3) Chloromethane	1.33	50	56917	18.837	ug/l	100
4) Vinyl Chloride	1.41	62	58676	18.928	ug/l	99
5) Bromomethane	1.64	94	34000	16.366	ug/l	99
6) Chloroethane	1.73	64	38346	19.362	ug/l	99
7) Trichlorofluoromethane	1.93	101	84173	17.712	ug/l	98
8) Diethyl Ether	2.19	74	35778	18.344	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50301	17.512	ug/l	98
10) Methyl Iodide	2.51	142	70191	19.625	ug/l	100
11) Tert butyl alcohol	3.07	59	72876	104.760	ug/l	98
12) 1,1-Dichloroethene	2.38	96	47855	18.483	ug/l	92
13) Acrolein	2.30	56	82806	133.956	ug/l	100
14) Allyl chloride	2.73	41	99869	20.861	ug/l	92
15) Acrylonitrile	3.15	53	170996	104.453	ug/l	100
16) Acetone	2.45	43	156345	95.891	ug/l	99
17) Carbon Disulfide	2.57	76	126809	17.605	ug/l	97
18) Methyl Acetate	2.78	43	80430	22.607	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	173802	19.277	ug/l	99
20) Methylene Chloride	2.86	84	55586	18.463	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	51697	18.367	ug/l	95
22) Diisopropyl ether	3.87	45	201466	20.216	ug/l	95
23) Vinyl Acetate	3.82	43	864340	98.855	ug/l	97
24) 1,1-Dichloroethane	3.70	63	105869	19.547	ug/l	99
25) 2-Butanone	4.70	43	256087	103.111	ug/l	96
26) 2,2-Dichloropropane	4.59	77	73119	16.912	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	63375	17.695	ug/l	93
28) Bromochloromethane	5.02	49	46520	17.643	ug/l	84
29) Tetrahydrofuran	5.15	42	167018	102.019	ug/l	94
30) Chloroform	5.22	83	106189	18.303	ug/l	99
31) Cyclohexane	5.58	56	94631	18.574	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	88340	18.411	ug/l	97
36) 1,1-Dichloropropene	5.80	75	78018	20.162	ug/l	96
37) Ethyl Acetate	4.85	43	96115	22.360	ug/l	99
38) Carbon Tetrachloride	5.78	117	75447	19.410	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91780	18.767	ug/l	93
40) Benzene	6.14	78	241473	20.215	ug/l	100
41) Methacrylonitrile	5.06	41	52641	22.934	ug/l	96
42) 1,2-Dichloroethane	6.20	62	83603	20.823	ug/l	99
43) Isopropyl Acetate	6.46	43	142341	21.516	ug/l	98
44) Trichloroethene	7.21	130	65212	19.846	ug/l	95
45) 1,2-Dichloropropane	7.52	63	64738	20.922	ug/l	98
46) Dibromomethane	7.66	93	40404	18.717	ug/l	98
47) Bromodichloromethane	7.90	83	75204	20.103	ug/l	97
48) Methyl methacrylate	7.77	41	76311	22.006	ug/l	91
49) 1,4-Dioxane	7.75	88	30791	411.109	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	487500	110.088	ug/l	99
52) Toluene	8.78	92	149181	19.805	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	79453	18.929	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	91203	20.090	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	62514	19.902	ug/l	98
56) Ethyl methacrylate	9.18	69	91667	20.522	ug/l	94
57) 1,3-Dichloropropane	9.37	76	103916	20.667	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	243482	98.848	ug/l	96
59) 2-Hexanone	9.49	43	366175	105.325	ug/l	100
60) Dibromochloromethane	9.58	129	60789	20.113	ug/l	99
61) 1,2-Dibromoethane	9.67	107	64511	19.781	ug/l	100
64) Tetrachloroethene	9.34	164	66438	21.291	ug/l	98
65) Chlorobenzene	10.14	112	164273	19.760	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	59009	20.349	ug/l	99
67) Ethyl Benzene	10.25	91	270906	19.672	ug/l	99
68) m/p-Xylenes	10.36	106	208510	38.919	ug/l	96
69) o-Xylene	10.70	106	102394	19.870	ug/l	97
70) Styrene	10.71	104	167444	19.768	ug/l	99
71) Bromoform	10.86	173	45766	21.046	ug/l #	97
73) Isopropylbenzene	11.02	105	272869	19.548	ug/l	99
74) N-amyl acetate	10.90	43	121303	20.011	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	93133	19.290	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	90288m	21.687	ug/l	
77) Bromobenzene	11.26	156	73995	21.134	ug/l	94
78) n-propylbenzene	11.36	91	303420	19.235	ug/l	98
79) 2-Chlorotoluene	11.42	91	182405	19.205	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	225033	19.598	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24970	18.115	ug/l	94
82) 4-Chlorotoluene	11.51	91	209653	18.869	ug/l	98
83) tert-Butylbenzene	11.77	119	219653	19.924	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	229525	19.542	ug/l	98
85) sec-Butylbenzene	11.94	105	264409	19.139	ug/l	99
86) p-Isopropyltoluene	12.06	119	239359	19.784	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	128444	19.777	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	129356	19.448	ug/l	98
89) n-Butylbenzene	12.38	91	195135	18.085	ug/l	99
90) Hexachloroethane	12.60	117	36819	18.061	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	129749	19.967	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18605	17.686	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86383	21.778	ug/l	99
94) Hexachlorobutadiene	13.78	225	46822	25.803	ug/l	99
95) Naphthalene	13.83	128	260019	20.233	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	87329	21.926	ug/l	99

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

