

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021419\
 Data File : VX007516.D
 Acq On : 13 Feb 2019 12:57
 Operator : JC/SP
 Sample : VX0214MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214MBS01

Manual Integrations
 APPROVED

MMDadoda
 2/14/2019 10:48:12 AM

Quant Time: Feb 13 15:00:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	462616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	689813	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	617390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	306023	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	255036	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	
35) Dibromofluoromethane	5.51	113	229576	51.15	ug/l	0.00
Spiked Amount			Recovery	=	102.30%	
50) Toluene-d8	8.71	98	829047	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	11.13	95	290271	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	97293	17.231	ug/l	98
3) Chloromethane	1.33	50	83632	16.050	ug/l	99
4) Vinyl Chloride	1.41	62	95760	18.733	ug/l	99
5) Bromomethane	1.64	94	87011	16.890	ug/l	98
6) Chloroethane	1.73	64	59060	17.860	ug/l	99
7) Trichlorofluoromethane	1.93	101	150730	18.849	ug/l	100
8) Diethyl Ether	2.19	74	55369	18.396	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	84168	17.695	ug/l	98
10) Methyl Iodide	2.51	142	110539	15.797	ug/l	98
11) Tert butyl alcohol	3.07	59	104855	103.185	ug/l	99
12) 1,1-Dichloroethene	2.38	96	77851	17.625	ug/l	100
13) Acrolein	2.30	56	42367	88.909	ug/l	98
14) Allyl chloride	2.73	41	139145	19.334	ug/l	99
15) Acrylonitrile	3.15	53	252429	100.416	ug/l	99
16) Acetone	2.45	43	239177	106.335	ug/l	98
17) Carbon Disulfide	2.57	76	186516	17.584	ug/l	99
18) Methyl Acetate	2.78	43	138880	24.010	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	267872	18.719	ug/l	98
20) Methylene Chloride	2.86	84	86063	18.485	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	82366	17.505	ug/l	98
22) Diisopropyl ether	3.87	45	253762	19.169	ug/l	98
23) Vinyl Acetate	3.82	43	1063288	96.789	ug/l	100
24) 1,1-Dichloroethane	3.70	63	145460	19.133	ug/l	99
25) 2-Butanone	4.70	43	338078	105.617	ug/l	99
26) 2,2-Dichloropropane	4.58	77	107760	18.612	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	95407	18.564	ug/l	98
28) Bromochloromethane	5.02	49	67804	19.394	ug/l	99
29) Tetrahydrofuran	5.15	42	212866	105.735	ug/l	99
30) Chloroform	5.22	83	153068	19.295	ug/l	96
31) Cyclohexane	5.57	56	119981	17.572	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	131355	19.616	ug/l	98
36) 1,1-Dichloropropene	5.80	75	105341	17.020	ug/l	98
37) Ethyl Acetate	4.85	43	119539	19.106	ug/l	98
38) Carbon Tetrachloride	5.78	117	112784	18.783	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	128168	17.116	ug/l	99
40) Benzene	6.15	78	334657	18.356	ug/l	97
41) Methacrylonitrile	5.06	41	68019	20.285	ug/l	98
42) 1,2-Dichloroethane	6.20	62	112833	17.887	ug/l	98
43) Isopropyl Acetate	6.46	43	183597	19.011	ug/l	99
44) Trichloroethene	7.21	130	99585	18.136	ug/l	97
45) 1,2-Dichloropropane	7.51	63	84261	18.446	ug/l	100
46) Dibromomethane	7.66	93	61094	18.401	ug/l	98
47) Bromodichloromethane	7.90	83	106123	18.860	ug/l	99
48) Methyl methacrylate	7.77	41	95286	19.726	ug/l	97
49) 1,4-Dioxane	7.75	88	46615	428.297	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	635061	99.894	ug/l	100
52) Toluene	8.79	92	213026	18.110	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	109285	18.082	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	125282	18.849	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	91114	18.582	ug/l	98
56) Ethyl methacrylate	9.18	69	126019	18.556	ug/l	99
57) 1,3-Dichloropropane	9.37	76	144976	18.592	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	352879	98.584	ug/l	100
59) 2-Hexanone	9.49	43	488190	98.683	ug/l	99
60) Dibromochloromethane	9.59	129	87306	18.827	ug/l	94
61) 1,2-Dibromoethane	9.67	107	96713	18.625	ug/l	98
64) Tetrachloroethene	9.34	164	97636	16.779	ug/l	99
65) Chlorobenzene	10.14	112	242410	17.993	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	88782	19.655	ug/l	99
67) Ethyl Benzene	10.25	91	394336	18.175	ug/l	100
68) m/p-Xylenes	10.36	106	309303	35.863	ug/l	99
69) o-Xylene	10.69	106	154013	18.558	ug/l	98
70) Styrene	10.71	104	239297	17.780	ug/l	100
71) Bromoform	10.85	173	65548	19.241	ug/l #	99
73) Isopropylbenzene	11.02	105	399499	19.210	ug/l	99
74) N-amyl acetate	10.90	43	159348	19.810	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	132582	20.919	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	111306m	18.699	ug/l	
77) Bromobenzene	11.26	156	108935	18.592	ug/l	98
78) n-propylbenzene	11.36	91	441128	19.344	ug/l	100
79) 2-Chlorotoluene	11.42	91	262803	18.993	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	329473	19.365	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	33646	20.222	ug/l	96
82) 4-Chlorotoluene	11.51	91	303488	18.955	ug/l	99
83) tert-Butylbenzene	11.77	119	324655	19.274	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	335526	19.425	ug/l	99
85) sec-Butylbenzene	11.94	105	392305	19.243	ug/l	100
86) p-Isopropyltoluene	12.06	119	355579	19.321	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	192487	18.305	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	190787	17.883	ug/l	98
89) n-Butylbenzene	12.39	91	287688	18.172	ug/l	100
90) Hexachloroethane	12.60	117	54508	19.790	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	192038	18.350	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27526	20.888	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	125709	17.812	ug/l	99
94) Hexachlorobutadiene	13.78	225	61257	17.875	ug/l	99
95) Naphthalene	13.83	128	399375	19.351	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	128693	18.116	ug/l	99

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

