

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031419\
 Data File : VX008070.D
 Acq On : 14 Mar 2019 14:59
 Operator : JC/SP
 Sample : VX0314MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314MBS01

Manual Integrations
 APPROVED

MMDadoda
 3/15/2019 9:07:15 AM

Quant Time: Mar 15 04:34:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	309652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	444149	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	391382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193498	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	154097	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
35) Dibromofluoromethane	5.50	113	139829	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
50) Toluene-d8	8.71	98	526737	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.13	95	183352	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	50907	20.538	ug/l	98
3) Chloromethane	1.33	50	56068	19.212	ug/l	98
4) Vinyl Chloride	1.41	62	52765	18.948	ug/l	100
5) Bromomethane	1.64	94	29422	20.840	ug/l	96
6) Chloroethane	1.73	64	32075	20.995	ug/l	99
7) Trichlorofluoromethane	1.93	101	60863	18.211	ug/l	95
8) Diethyl Ether	2.19	74	33157	19.958	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48764	19.522	ug/l	98
10) Methyl Iodide	2.51	142	62883	18.020	ug/l	98
11) Tert butyl alcohol	3.07	59	61839	102.472	ug/l	100
12) 1,1-Dichloroethene	2.38	96	47145	19.969	ug/l	93
13) Acrolein	2.30	56	52104	93.733	ug/l	97
14) Allyl chloride	2.73	41	84898	19.742	ug/l	97
15) Acrylonitrile	3.15	53	147536	100.260	ug/l	100
16) Acetone	2.45	43	134019	90.882	ug/l	98
17) Carbon Disulfide	2.57	76	137547	20.290	ug/l	99
18) Methyl Acetate	2.78	43	65912	20.680	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	160017	20.046	ug/l	97
20) Methylene Chloride	2.86	84	51299	19.478	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	49375	19.410	ug/l	95
22) Diisopropyl ether	3.87	45	168569	19.725	ug/l	94
23) Vinyl Acetate	3.82	43	729776	100.409	ug/l	98
24) 1,1-Dichloroethane	3.70	63	93218	19.899	ug/l	98
25) 2-Butanone	4.70	43	219178	96.831	ug/l	98
26) 2,2-Dichloropropane	4.58	77	66028	18.449	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	59201	19.579	ug/l	98
28) Bromochloromethane	5.02	49	43053	19.459	ug/l	93
29) Tetrahydrofuran	5.15	42	142315	100.718	ug/l	97
30) Chloroform	5.21	83	91681	19.321	ug/l	100
31) Cyclohexane	5.57	56	87892	19.679	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	77264	19.330	ug/l	99
36) 1,1-Dichloropropene	5.80	75	70928	19.412	ug/l	99
37) Ethyl Acetate	4.85	43	79576	20.263	ug/l	99
38) Carbon Tetrachloride	5.79	117	67242	19.119	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89399	19.141	ug/l	98
40) Benzene	6.14	78	218735	19.541	ug/l	98
41) Methacrylonitrile	5.06	41	44760	19.576	ug/l	97
42) 1,2-Dichloroethane	6.20	62	69971	19.540	ug/l	99
43) Isopropyl Acetate	6.46	43	122295	19.337	ug/l	98
44) Trichloroethene	7.21	130	60914	18.856	ug/l	98
45) 1,2-Dichloropropane	7.51	63	56745	19.216	ug/l	99
46) Dibromomethane	7.66	93	35939	19.417	ug/l	96
47) Bromodichloromethane	7.90	83	65998	18.749	ug/l	100
48) Methyl methacrylate	7.77	41	64572	19.549	ug/l	96
49) 1,4-Dioxane	7.75	88	27817	390.468	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	405391	97.259	ug/l	98
52) Toluene	8.78	92	137206	19.283	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	71921	18.638	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	81953	19.109	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	56226	19.407	ug/l	98
56) Ethyl methacrylate	9.18	69	82687	19.321	ug/l	97
57) 1,3-Dichloropropane	9.37	76	92803	19.356	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	239054	94.950	ug/l	97
59) 2-Hexanone	9.49	43	308432	94.617	ug/l	98
60) Dibromochloromethane	9.58	129	55409	18.556	ug/l	100
61) 1,2-Dibromoethane	9.67	107	58783	19.364	ug/l	100
64) Tetrachloroethene	9.34	164	59983	18.915	ug/l	98
65) Chlorobenzene	10.13	112	151789	19.543	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	54319	19.707	ug/l	99
67) Ethyl Benzene	10.25	91	247623	19.262	ug/l	100
68) m/p-Xylenes	10.36	106	191340	38.897	ug/l	99
69) o-Xylene	10.70	106	92650	19.321	ug/l	99
70) Styrene	10.71	104	152570	19.421	ug/l	99
71) Bromoform	10.85	173	43487	19.064	ug/l #	99
73) Isopropylbenzene	11.02	105	253574	20.461	ug/l	100
74) N-amyl acetate	10.90	43	103175	19.735	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	82107	20.220	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	78172m	23.262	ug/l	
77) Bromobenzene	11.26	156	68317	20.196	ug/l	97
78) n-propylbenzene	11.36	91	275432	20.257	ug/l	100
79) 2-Chlorotoluene	11.42	91	164584	19.820	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	208151	20.382	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21823	18.480	ug/l	94
82) 4-Chlorotoluene	11.51	91	187371	19.702	ug/l	99
83) tert-Butylbenzene	11.77	119	203995	19.933	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	214299	20.343	ug/l	99
85) sec-Butylbenzene	11.94	105	246584	20.223	ug/l	99
86) p-Isopropyltoluene	12.06	119	221078	20.048	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	118120	19.620	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	118321	19.354	ug/l	99
89) n-Butylbenzene	12.39	91	181094	19.626	ug/l	99
90) Hexachloroethane	12.60	117	34131	19.339	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	116725	19.542	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15702	19.126	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	80833	19.104	ug/l	99
94) Hexachlorobutadiene	13.78	225	44786	19.482	ug/l	100
95) Naphthalene	13.83	128	240755	20.236	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	82857	19.892	ug/l	100

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

