

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103118\
 Data File : VX005718.D
 Acq On : 31 Oct 2018 20:49
 Operator : JC/MD
 Sample : VX1031MBSD01
 Misc : 5.0µl/10ml/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031MBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/1/2018 9:49:42 AM

Quant Time: Oct 31 23:08:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	138632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	227192	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	202305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	102579	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	93205	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
35) Dibromofluoromethane	5.51	113	76600	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
50) Toluene-d8	8.71	98	264062	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
62) 4-Bromofluorobenzene	11.14	95	96494	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	35168	21.959	ug/l	94
3) Chloromethane	1.32	50	37332	19.763	ug/l	100
4) Vinyl Chloride	1.40	62	39154	19.922	ug/l	99
5) Bromomethane	1.64	94	41769	17.128	ug/l	99
6) Chloroethane	1.72	64	24050	20.901	ug/l	100
7) Trichlorofluoromethane	1.93	101	52217	20.699	ug/l	94
8) Diethyl Ether	2.19	74	22402	19.757	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	30430	19.859	ug/l	93
10) Methyl Iodide	2.51	142	26117	18.771	ug/l	98
11) Tert butyl alcohol	3.07	59	57234	103.981	ug/l	99
12) 1,1-Dichloroethene	2.37	96	29103	19.491	ug/l	92
13) Acrolein	2.29	56	31211	87.571	ug/l	96
14) Allyl chloride	2.73	41	56445	18.282	ug/l #	92
15) Acrylonitrile	3.15	53	113813	94.030	ug/l	98
16) Acetone	2.45	43	95335	85.340	ug/l #	89
17) Carbon Disulfide	2.57	76	84181	18.347	ug/l	100
18) Methyl Acetate	2.78	43	52763	18.139	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	108628	21.017	ug/l	98
20) Methylene Chloride	2.85	84	33592	19.219	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	30591	19.362	ug/l	94
22) Diisopropyl ether	3.87	45	112897	19.712	ug/l #	94
23) Vinyl Acetate	3.82	43	490845	98.394	ug/l	96
24) 1,1-Dichloroethane	3.69	63	61457	18.977	ug/l	97
25) 2-Butanone	4.70	43	161439	94.423	ug/l	96
26) 2,2-Dichloropropane	4.59	77	43674	18.040	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	35712	20.115	ug/l	99
28) Bromochloromethane	5.02	49	26903	17.027	ug/l	96
29) Tetrahydrofuran	5.15	42	102464	98.187	ug/l	92
30) Chloroform	5.21	83	60031	18.959	ug/l	99
31) Cyclohexane	5.57	56	55313	20.425	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	48911	19.302	ug/l	95
36) 1,1-Dichloropropene	5.80	75	46846	19.353	ug/l	99
37) Ethyl Acetate	4.85	43	57883	18.744	ug/l	97
38) Carbon Tetrachloride	5.78	117	42013	19.211	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	48969	19.398	ug/l	98
40) Benzene	6.15	78	137362	19.075	ug/l	99
41) Methacrylonitrile	5.06	41	30790	18.453	ug/l	92
42) 1,2-Dichloroethane	6.20	62	51522	19.356	ug/l	99
43) Isopropyl Acetate	6.46	43	84678	18.892	ug/l	96
44) Trichloroethene	7.21	130	31106	18.677	ug/l	87
45) 1,2-Dichloropropane	7.52	63	35582	19.281	ug/l	95
46) Dibromomethane	7.66	93	21919	18.585	ug/l	88
47) Bromodichloromethane	7.90	83	40965	18.518	ug/l	99
48) Methyl methacrylate	7.77	41	40508	18.673	ug/l	92
49) 1,4-Dioxane	7.76	88	18525	383.491	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	288565	94.419	ug/l	97
52) Toluene	8.79	92	78635	20.188	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	44281	18.470	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	50482	19.654	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	33496	19.802	ug/l	97
56) Ethyl methacrylate	9.18	69	51194	19.419	ug/l	96
57) 1,3-Dichloropropane	9.37	76	55883	19.232	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	141534	93.535	ug/l	95
59) 2-Hexanone	9.49	43	226224	90.957	ug/l	94
60) Dibromochloromethane	9.59	129	30030	18.372	ug/l	99
61) 1,2-Dibromoethane	9.68	107	35045	20.332	ug/l	98
64) Tetrachloroethene	9.34	164	30005	20.301	ug/l	97
65) Chlorobenzene	10.14	112	83814	19.496	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	29176	19.825	ug/l	97
67) Ethyl Benzene	10.25	91	146791	20.007	ug/l	99
68) m/p-Xylenes	10.36	106	112298	41.191	ug/l	97
69) o-Xylene	10.70	106	53693	20.592	ug/l	98
70) Styrene	10.71	104	88531	20.442	ug/l	98
71) Bromoform	10.86	173	22105	18.538	ug/l #	98
73) Isopropylbenzene	11.02	105	144610	21.368	ug/l	100
74) N-amyl acetate	10.90	43	71256	19.776	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	54863	19.540	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	51538m	20.173	ug/l	
77) Bromobenzene	11.26	156	35084	20.898	ug/l	89
78) n-propylbenzene	11.36	91	174286	21.170	ug/l	97
79) 2-Chlorotoluene	11.42	91	103512	21.051	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	123823	21.549	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	14642	18.517	ug/l	94
82) 4-Chlorotoluene	11.51	91	123016	20.956	ug/l	96
83) tert-Butylbenzene	11.77	119	116923	21.326	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	126696	21.835	ug/l	97
85) sec-Butylbenzene	11.94	105	147740	21.007	ug/l	97
86) p-Isopropyltoluene	12.07	119	126363	21.126	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	65555	20.195	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	66999	19.213	ug/l	97
89) n-Butylbenzene	12.39	91	119571	19.813	ug/l	98
90) Hexachloroethane	12.60	117	19884	18.737	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	65307	19.258	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12945	19.658	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	44131	20.290	ug/l	97
94) Hexachlorobutadiene	13.79	225	20091	19.094	ug/l	98
95) Naphthalene	13.83	128	156002	21.809	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	45964	20.758	ug/l	99

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

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