

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
 Data File : VX006339.D
 Acq On : 07 Dec 2018 11:38
 Operator : JC/MD
 Sample : VX1207MBS01
 Misc : 5.00µL/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/10/2018 9:57:32 AM

Quant Time: Dec 08 00:48:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	674630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1012424	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	894395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	464353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	336233	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	5.51	113	317541	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	8.71	98	1147720	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
62) 4-Bromofluorobenzene	11.13	95	431654	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	135403	20.498	ug/l	100
3) Chloromethane	1.33	50	127994	18.856	ug/l	100
4) Vinyl Chloride	1.41	62	140255	19.198	ug/l	99
5) Bromomethane	1.64	94	113640	22.445	ug/l	98
6) Chloroethane	1.73	64	89835	20.055	ug/l	99
7) Trichlorofluoromethane	1.93	101	216509	19.306	ug/l	98
8) Diethyl Ether	2.19	74	83427	19.656	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	124543	19.531	ug/l	98
10) Methyl Iodide	2.51	142	162604	16.920	ug/l	99
11) Tert butyl alcohol	3.07	59	175190	93.018	ug/l	99
12) 1,1-Dichloroethene	2.37	96	116704	19.118	ug/l	93
13) Acrolein	2.29	56	95548	92.819	ug/l	100
14) Allyl chloride	2.73	41	214898	17.821	ug/l	98
15) Acrylonitrile	3.15	53	372442	94.764	ug/l	99
16) Acetone	2.45	43	300233	92.895	ug/l	96
17) Carbon Disulfide	2.57	76	317850	16.897	ug/l	99
18) Methyl Acetate	2.78	43	210819	19.505	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	420353	19.303	ug/l	99
20) Methylene Chloride	2.86	84	133143	19.357	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	124036	19.067	ug/l	92
22) Diisopropyl ether	3.87	45	382790	20.323	ug/l	98
23) Vinyl Acetate	3.82	43	1554016	96.734	ug/l	99
24) 1,1-Dichloroethane	3.70	63	213379	19.820	ug/l	99
25) 2-Butanone	4.70	43	449808	97.539	ug/l	99
26) 2,2-Dichloropropane	4.58	77	196877	19.815	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	149666	20.626	ug/l	96
28) Bromochloromethane	5.03	49	93690	19.924	ug/l	96
29) Tetrahydrofuran	5.15	42	302930	94.517	ug/l	98
30) Chloroform	5.21	83	231528	20.465	ug/l	99
31) Cyclohexane	5.57	56	188003	18.896	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	211911	19.686	ug/l	99
36) 1,1-Dichloropropene	5.80	75	162233	19.029	ug/l	99
37) Ethyl Acetate	4.85	43	178664	18.713	ug/l	99
38) Carbon Tetrachloride	5.78	117	190929	19.036	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	212962	19.244	ug/l	99
40) Benzene	6.14	78	506795	19.847	ug/l	98
41) Methacrylonitrile	5.06	41	98067	18.667	ug/l	98
42) 1,2-Dichloroethane	6.20	62	170350	20.384	ug/l	99
43) Isopropyl Acetate	6.46	43	291577	18.317	ug/l	99
44) Trichloroethene	7.21	130	149867	19.373	ug/l	95
45) 1,2-Dichloropropane	7.52	63	126404	19.477	ug/l	99
46) Dibromomethane	7.66	93	91540	19.530	ug/l	98
47) Bromodichloromethane	7.90	83	175695	19.357	ug/l	99
48) Methyl methacrylate	7.77	41	142966	18.461	ug/l	98
49) 1,4-Dioxane	7.75	88	74995	392.916	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	882565	95.238	ug/l	98
52) Toluene	8.79	92	330999	19.703	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	187351	17.649	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	203253	18.440	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	137688	20.174	ug/l	98
56) Ethyl methacrylate	9.18	69	204769	19.192	ug/l	97
57) 1,3-Dichloropropane	9.37	76	213676	19.799	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	520667	96.166	ug/l	99
59) 2-Hexanone	9.49	43	681244	96.221	ug/l	99
60) Dibromochloromethane	9.59	129	154822	18.397	ug/l	99
61) 1,2-Dibromoethane	9.67	107	148929	19.516	ug/l	99
64) Tetrachloroethene	9.34	164	137762	20.453	ug/l	97
65) Chlorobenzene	10.14	112	385157	20.286	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	143148	19.405	ug/l	100
67) Ethyl Benzene	10.25	91	634330	20.088	ug/l	100
68) m/p-Xylenes	10.36	106	505103	39.932	ug/l	100
69) o-Xylene	10.70	106	249427	19.963	ug/l	98
70) Styrene	10.71	104	404722	20.028	ug/l	98
71) Bromoform	10.86	173	119638	17.181	ug/l	100
73) Isopropylbenzene	11.02	105	663229	20.682	ug/l	99
74) N-amyl acetate	10.90	43	255664	18.514	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	209430	20.414	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	194531m	21.704	ug/l	
77) Bromobenzene	11.26	156	179703	20.193	ug/l	97
78) n-propylbenzene	11.36	91	724861	20.335	ug/l	100
79) 2-Chlorotoluene	11.42	91	438530	20.698	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	548270	20.549	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	65131	17.053	ug/l	91
82) 4-Chlorotoluene	11.51	91	500116	20.303	ug/l	100
83) tert-Butylbenzene	11.77	119	588180	20.661	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	563281	20.445	ug/l	100
85) sec-Butylbenzene	11.94	105	670411	20.701	ug/l	100
86) p-Isopropyltoluene	12.06	119	596983	20.471	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	324488	20.492	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	321110	19.979	ug/l	98
89) n-Butylbenzene	12.39	91	493910	19.849	ug/l	99
90) Hexachloroethane	12.60	117	109109	18.357	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	325561	20.716	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47253	17.968	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	227340	19.828	ug/l	99
94) Hexachlorobutadiene	13.78	225	104381	20.586	ug/l	99
95) Naphthalene	13.83	128	722755	20.265	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	223521	19.682	ug/l	99

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

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