

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
 Data File : VX005971.D
 Acq On : 14 Nov 2018 13:55
 Operator : JC/MD
 Sample : VX1114MBS01
 Misc : 5.0g/10ml/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/15/2018 1:05:00 PM

Quant Time: Nov 15 00:42:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	105974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	138283	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	126187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	71177	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	56924	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
35) Dibromofluoromethane	5.49	113	47693	50.71	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	8.71	98	160742	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	11.14	95	59752	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	16984	17.78	ug/l	87
3) Chloromethane	1.32	50	21978	17.53	ug/l	99
4) Vinyl Chloride	1.40	62	21924	17.42	ug/l	99
5) Bromomethane	1.64	94	13851	17.98	ug/l	98
6) Chloroethane	1.72	64	14058	18.72	ug/l	94
7) Trichlorofluoromethane	1.93	101	32495	19.45	ug/l	99
8) Diethyl Ether	2.18	74	13088	19.99	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	18968	19.74	ug/l	98
10) Methyl Iodide	2.51	142	19681	16.90	ug/l	98
11) Tert butyl alcohol	3.06	59	31653	90.70	ug/l	99
12) 1,1-Dichloroethene	2.37	96	17024	18.17	ug/l	96
13) Acrolein	2.29	56	23014	146.86	ug/l	98
14) Allyl chloride	2.73	41	42001	20.08	ug/l	98
15) Acrylonitrile	3.15	53	70608	97.62	ug/l	97
16) Acetone	2.44	43	63397	96.65	ug/l	100
17) Carbon Disulfide	2.57	76	49292	17.64	ug/l	97
18) Methyl Acetate	2.78	43	38611	21.11	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	65867	20.60	ug/l	91
20) Methylene Chloride	2.85	84	20672	19.18	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	18292	18.51	ug/l	94
22) Diisopropyl ether	3.86	45	71788	19.59	ug/l	97
23) Vinyl Acetate	3.82	43	313510	99.77	ug/l	99
24) 1,1-Dichloroethane	3.69	63	39550	20.23	ug/l	98
25) 2-Butanone	4.70	43	99189	96.18	ug/l	92
26) 2,2-Dichloropropane	4.59	77	29075	20.27	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	20489	18.78	ug/l	95
28) Bromochloromethane	5.01	49	17130	19.60	ug/l	98
29) Tetrahydrofuran	5.15	42	65476	98.88	ug/l	97
30) Chloroform	5.22	83	36392	19.29	ug/l	97
31) Cyclohexane	5.57	56	32303	19.03	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	32819	20.86	ug/l	96
36) 1,1-Dichloropropene	5.81	75	25424	19.07	ug/l	99
37) Ethyl Acetate	4.85	43	35314	20.14	ug/l	99
38) Carbon Tetrachloride	5.79	117	27824	20.85	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	27310	20.21	ug/l	89
40) Benzene	6.14	78	73201	18.84	ug/l	98
41) Methacrylonitrile	5.06	41	19393	20.47	ug/l	97
42) 1,2-Dichloroethane	6.19	62	27916	20.06	ug/l	100
43) Isopropyl Acetate	6.46	43	47421	18.67	ug/l	99
44) Trichloroethene	7.21	130	19373	19.63	ug/l	99
45) 1,2-Dichloropropane	7.52	63	20802	22.05	ug/l	90
46) Dibromomethane	7.66	93	12839	21.69	ug/l	98
47) Bromodichloromethane	7.90	83	24524	21.92	ug/l	95
48) Methyl methacrylate	7.77	41	24271	21.28	ug/l	97
49) 1,4-Dioxane	7.75	88	9822	399.63	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	165091	103.12	ug/l	100
52) Toluene	8.79	92	44744	20.60	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	26207	19.85	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	28786	21.39	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	18867	19.49	ug/l	97
56) Ethyl methacrylate	9.18	69	26791	18.50	ug/l	96
57) 1,3-Dichloropropane	9.37	76	31443	19.33	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	76979	102.59	ug/l	99
59) 2-Hexanone	9.49	43	131295	93.04	ug/l	98
60) Dibromochloromethane	9.58	129	19501	18.64	ug/l	99
61) 1,2-Dibromoethane	9.67	107	19314	18.04	ug/l	99
64) Tetrachloroethene	9.34	164	20757	19.32	ug/l	98
65) Chlorobenzene	10.14	112	50327	19.91	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	18586	21.15	ug/l	99
67) Ethyl Benzene	10.25	91	84901	20.94	ug/l	98
68) m/p-Xylenes	10.36	106	65909	42.63	ug/l	98
69) o-Xylene	10.70	106	30503	22.00	ug/l	96
70) Styrene	10.71	104	51922	22.70	ug/l	99
71) Bromoform	10.86	173	15951	21.65	ug/l #	98
73) Isopropylbenzene	11.02	105	87721	21.31	ug/l	100
74) N-amyl acetate	10.90	43	40504	18.35	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	29750	19.69	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	30122m	20.78	ug/l	
77) Bromobenzene	11.26	156	23012	19.84	ug/l	98
78) n-propylbenzene	11.36	91	103107	21.26	ug/l	99
79) 2-Chlorotoluene	11.42	91	61230	20.88	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	75066	21.46	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	9075	19.96	ug/l	97
82) 4-Chlorotoluene	11.51	91	72471	20.97	ug/l	99
83) tert-Butylbenzene	11.77	119	72121	20.38	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	77475	20.00	ug/l	100
85) sec-Butylbenzene	11.94	105	89420	20.66	ug/l	100
86) p-Isopropyltoluene	12.07	119	80353	20.96	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	43828	19.68	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	44474	19.51	ug/l	98
89) n-Butylbenzene	12.39	91	71074	20.01	ug/l	99
90) Hexachloroethane	12.60	117	12910	20.17	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	43345	19.43	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7384	20.03	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	31954	20.35	ug/l	99
94) Hexachlorobutadiene	13.78	225	16564	20.08	ug/l	100
95) Naphthalene	13.83	128	93240	18.96	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	33252	20.79	ug/l	98

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

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