

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111718\
 Data File : VX006074.D
 Acq On : 17 Nov 2018 17:45
 Operator : JC/MD
 Sample : VX1117MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/19/2018 9:25:14 AM

Quant Time: Nov 19 01:37:35 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	5.67	168	106430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	168357	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	129126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	92622	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	65044	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
35) Dibromofluoromethane	5.51	113	51249	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
50) Toluene-d8	8.71	98	175569	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
62) 4-Bromofluorobenzene	11.14	95	65269	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	16206	16.89	ug/l	99
3) Chloromethane	1.32	50	22062	17.52	ug/l	97
4) Vinyl Chloride	1.40	62	22677	17.94	ug/l	97
5) Bromomethane	1.64	94	13272	17.15	ug/l	97
6) Chloroethane	1.73	64	15480	20.52	ug/l	98
7) Trichlorofluoromethane	1.93	101	31932	19.03	ug/l	100
8) Diethyl Ether	2.19	74	13537	20.59	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	18467	19.13	ug/l	97
10) Methyl Iodide	2.51	142	21013	17.96	ug/l	99
11) Tert butyl alcohol	3.07	59	34665	98.90	ug/l	98
12) 1,1-Dichloroethene	2.37	96	17681	18.80	ug/l	95
13) Acrolein	2.29	56	10170	75.35	ug/l	97
14) Allyl chloride	2.73	41	41456	19.73	ug/l	98
15) Acrylonitrile	3.15	53	77461	106.64	ug/l	100
16) Acetone	2.45	43	70404	106.87	ug/l	99
17) Carbon Disulfide	2.57	76	43511	15.51	ug/l	99
18) Methyl Acetate	2.78	43	40366	22.03	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	68584	21.36	ug/l	100
20) Methylene Chloride	2.85	84	21203	19.59	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	18477	18.62	ug/l	97
22) Diisopropyl ether	3.87	45	76941	20.90	ug/l	92
23) Vinyl Acetate	3.82	43	321880	102.00	ug/l	98
24) 1,1-Dichloroethane	3.70	63	40332	20.54	ug/l	100
25) 2-Butanone	4.70	43	103001	99.45	ug/l	96
26) 2,2-Dichloropropane	4.58	77	26913	18.68	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	21442	19.57	ug/l	98
28) Bromochloromethane	5.01	49	18940	21.58	ug/l	96
29) Tetrahydrofuran	5.15	42	66274	99.66	ug/l	99
30) Chloroform	5.21	83	36912	19.48	ug/l	97
31) Cyclohexane	5.57	56	30286	17.77	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	30796	19.49	ug/l	99
36) 1,1-Dichloropropene	5.80	75	25775	15.88	ug/l	97
37) Ethyl Acetate	4.86	43	37069	17.37	ug/l	99
38) Carbon Tetrachloride	5.79	117	26921	16.57	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	26661	16.21	ug/l	90
40) Benzene	6.13	78	88045	18.61	ug/l	98
41) Methacrylonitrile	5.06	41	20809	18.04	ug/l	99
42) 1,2-Dichloroethane	6.20	62	31649	18.68	ug/l	99
43) Isopropyl Acetate	6.46	43	57240	18.51	ug/l	97
44) Trichloroethene	7.21	130	20625	17.17	ug/l	85
45) 1,2-Dichloropropane	7.51	63	22174	19.31	ug/l	95
46) Dibromomethane	7.66	93	13621	18.90	ug/l	100
47) Bromodichloromethane	7.90	83	25007	18.36	ug/l	95
48) Methyl methacrylate	7.77	41	25432	18.31	ug/l	99
49) 1,4-Dioxane	7.75	88	10834	362.06	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	179193	91.94	ug/l	100
52) Toluene	8.79	92	46329	17.52	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	26157	16.28	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	29286	17.88	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	20304	17.23	ug/l	98
56) Ethyl methacrylate	9.18	69	28746	16.30	ug/l	98
57) 1,3-Dichloropropane	9.37	76	33126	16.73	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	85407	94.22	ug/l	99
59) 2-Hexanone	9.49	43	137240	79.88	ug/l	99
60) Dibromochloromethane	9.59	129	19976	15.68	ug/l	100
61) 1,2-Dibromoethane	9.67	107	20602	15.81	ug/l	100
64) Tetrachloroethene	9.34	164	20739	18.86	ug/l	98
65) Chlorobenzene	10.14	112	52463	20.28	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	19488	21.67	ug/l	99
67) Ethyl Benzene	10.25	91	86303	20.81	ug/l	99
68) m/p-Xylenes	10.36	106	66953	42.32	ug/l	99
69) o-Xylene	10.70	106	32436	22.86	ug/l	99
70) Styrene	10.71	104	53971	23.06	ug/l	99
71) Bromoform	10.86	173	16214	21.51	ug/l #	99
73) Isopropylbenzene	11.02	105	89900	16.78	ug/l	99
74) N-amyl acetate	10.90	43	42940	15.18	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	32169	16.36	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	31665m	16.79	ug/l	
77) Bromobenzene	11.26	156	24485	16.22	ug/l	98
78) n-propylbenzene	11.36	91	102635	16.26	ug/l	99
79) 2-Chlorotoluene	11.42	91	61314	16.07	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	79085	17.37	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	9195	15.54	ug/l	96
82) 4-Chlorotoluene	11.51	91	74617	16.59	ug/l	99
83) tert-Butylbenzene	11.77	119	90093	19.56	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	99401	19.72	ug/l	99
85) sec-Butylbenzene	11.94	105	118749	21.09	ug/l	99
86) p-Isopropyltoluene	12.07	119	105107	21.07	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	57652	19.90	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	58920	19.87	ug/l	99
89) n-Butylbenzene	12.39	91	87718	18.98	ug/l	99
90) Hexachloroethane	12.60	117	16814	20.19	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	60417	20.82	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9339	19.47	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	42737	20.92	ug/l	99
94) Hexachlorobutadiene	13.79	225	20591	19.18	ug/l	99
95) Naphthalene	13.83	128	130923	20.36	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	44205	21.24	ug/l	99

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

