

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005381.D
 Acq On : 17 Oct 2018 09:31
 Operator : JC/MD
 Sample : VX1017MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 12:23:11 PM

Quant Time: Oct 17 16:58:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	259510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	369436	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	342062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194540	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	140340	48.73	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	5.50	113	116328	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
50) Toluene-d8	8.71	98	440573	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
62) 4-Bromofluorobenzene	11.14	95	161586	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	40096	19.76	ug/l	95
3) Chloromethane	1.32	50	60080	20.43	ug/l	# 88
4) Vinyl Chloride	1.40	62	54933	18.44	ug/l	99
5) Bromomethane	1.64	94	33342	20.17	ug/l	98
6) Chloroethane	1.71	64	35379	19.13	ug/l	98
7) Trichlorofluoromethane	1.93	101	78554	19.76	ug/l	88
8) Diethyl Ether	2.19	74	32607	19.21	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.38	101	45238	19.72	ug/l	94
10) Methyl Iodide	2.51	142	49852	21.32	ug/l	99
11) Tert butyl alcohol	3.07	59	84453	103.95	ug/l	100
12) 1,1-Dichloroethene	2.37	96	43672	19.21	ug/l	97
13) Acrolein	2.29	56	33697	63.38	ug/l	96
14) Allyl chloride	2.73	41	95567	19.15	ug/l	97
15) Acrylonitrile	3.15	53	177752	96.55	ug/l	97
16) Acetone	2.45	43	168584	101.23	ug/l	98
17) Carbon Disulfide	2.57	76	121095	17.59	ug/l	99
18) Methyl Acetate	2.78	43	96714	20.41	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	162774	20.33	ug/l	96
20) Methylene Chloride	2.85	84	51663	20.52	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	47826	18.99	ug/l	98
22) Diisopropyl ether	3.87	45	156678	18.69	ug/l	92
23) Vinyl Acetate	3.82	43	685249	93.54	ug/l	96
24) 1,1-Dichloroethane	3.70	63	94475	19.67	ug/l	98
25) 2-Butanone	4.70	43	232931	95.60	ug/l	95
26) 2,2-Dichloropropane	4.59	77	70285	19.56	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	50905	18.60	ug/l	95
28) Bromochloromethane	5.01	49	43018	19.64	ug/l	96
29) Tetrahydrofuran	5.15	42	146667	94.37	ug/l	93
30) Chloroform	5.21	83	87777	19.69	ug/l	98
31) Cyclohexane	5.57	56	71844	18.15	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	75203	19.38	ug/l	99
36) 1,1-Dichloropropene	5.80	75	62334	17.42	ug/l	99
37) Ethyl Acetate	4.86	43	86381	18.77	ug/l	97
38) Carbon Tetrachloride	5.78	117	65847	18.32	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	71503	18.46	ug/l	94
40) Benzene	6.14	78	192211	17.91	ug/l	99
41) Methacrylonitrile	5.06	41	44300	17.96	ug/l	97
42) 1,2-Dichloroethane	6.20	62	69626	18.37	ug/l	97
43) Isopropyl Acetate	6.46	43	118723	19.37	ug/l	98
44) Trichloroethene	7.21	130	53755	19.23	ug/l	98
45) 1,2-Dichloropropane	7.52	63	51521	19.57	ug/l	98
46) Dibromomethane	7.66	93	33437	19.24	ug/l	98
47) Bromodichloromethane	7.90	83	64074	19.93	ug/l	99
48) Methyl methacrylate	7.77	41	60925	19.16	ug/l	96
49) 1,4-Dioxane	7.75	88	29901	407.79	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	432271	101.85	ug/l	95
52) Toluene	8.79	92	121634	20.71	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	69283	19.92	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	76980	20.42	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	51270	20.61	ug/l	96
56) Ethyl methacrylate	9.18	69	74394	20.52	ug/l	98
57) 1,3-Dichloropropane	9.37	76	84485	20.35	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	211782	104.15	ug/l	95
59) 2-Hexanone	9.49	43	346206	101.41	ug/l	93
60) Dibromochloromethane	9.59	129	52255	20.33	ug/l	100
61) 1,2-Dibromoethane	9.67	107	52747	20.21	ug/l	99
64) Tetrachloroethene	9.34	164	56598	20.55	ug/l	98
65) Chlorobenzene	10.14	112	138738	19.07	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	50770	19.58	ug/l	99
67) Ethyl Benzene	10.25	91	227615	19.24	ug/l	98
68) m/p-Xylenes	10.36	106	180943	39.41	ug/l	96
69) o-Xylene	10.70	106	85893	19.40	ug/l	97
70) Styrene	10.71	104	144574	19.85	ug/l	98
71) Bromoform	10.86	173	42749	18.45	ug/l #	99
73) Isopropylbenzene	11.02	105	234577	20.28	ug/l	100
74) N-amyl acetate	10.90	43	105003	18.82	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	83002	19.03	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	87734m	23.25	ug/l	
77) Bromobenzene	11.26	156	64322	19.45	ug/l	99
78) n-propylbenzene	11.36	91	268915	20.21	ug/l	100
79) 2-Chlorotoluene	11.42	91	162037	19.88	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	199903	20.19	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	22996	18.52	ug/l	99
82) 4-Chlorotoluene	11.51	91	190898	19.76	ug/l	99
83) tert-Butylbenzene	11.77	119	199385	19.88	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	207545	20.36	ug/l	98
85) sec-Butylbenzene	11.94	105	241349	20.34	ug/l	99
86) p-Isopropyltoluene	12.07	119	216709	20.20	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	121391	19.65	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	121922	19.29	ug/l	98
89) n-Butylbenzene	12.39	91	186899	19.19	ug/l	97
90) Hexachloroethane	12.60	117	33721	18.24	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	122116	19.37	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19915	18.71	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	90822	19.63	ug/l	99
94) Hexachlorobutadiene	13.78	225	48344	19.79	ug/l	98
95) Naphthalene	13.83	128	267851	19.96	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	94697	20.01	ug/l	98

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

