

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004074.D
 Acq On : 15 Aug 2018 16:01
 Operator : JC/MD
 Sample : VX0815MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 4:39:06 PM

Quant Time: Aug 16 06:33:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	304813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	449560	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	429562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	250405	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	217829	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
35) Dibromofluoromethane	5.51	113	175078	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
50) Toluene-d8	8.72	98	691239	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	11.14	95	247062	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	61080	20.59	ug/l	100
3) Chloromethane	1.32	50	75870	20.84	ug/l	98
4) Vinyl Chloride	1.40	62	80611	20.46	ug/l	98
5) Bromomethane	1.64	94	45067	22.48	ug/l	99
6) Chloroethane	1.73	64	56906	20.92	ug/l	98
7) Trichlorofluoromethane	1.93	101	109974	19.90	ug/l	98
8) Diethyl Ether	2.18	74	48304	20.02	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	68404	19.84	ug/l	100
10) Methyl Iodide	2.51	142	64085	20.67	ug/l	99
11) Tert butyl alcohol	3.04	59	92790	107.29	ug/l	99
12) 1,1-Dichloroethene	2.37	96	63392	19.77	ug/l	100
13) Acrolein	2.29	56	52339	96.24	ug/l	98
14) Allyl chloride	2.73	41	122376	20.06	ug/l	98
15) Acrylonitrile	3.14	53	225343	104.51	ug/l	100
16) Acetone	2.44	43	246508	110.40	ug/l	99
17) Carbon Disulfide	2.57	76	165156	18.16	ug/l	99
18) Methyl Acetate	2.77	43	105731	21.31	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	227959	20.18	ug/l	98
20) Methylene Chloride	2.85	84	78214	21.08	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	69866	19.18	ug/l	99
22) Diisopropyl ether	3.87	45	241938	20.24	ug/l	97
23) Vinyl Acetate	3.82	43	1013848	103.25	ug/l	99
24) 1,1-Dichloroethane	3.70	63	135846	20.06	ug/l	100
25) 2-Butanone	4.70	43	385292	106.05	ug/l	100
26) 2,2-Dichloropropane	4.59	77	104454	19.40	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	81879	19.99	ug/l	97
28) Bromochloromethane	5.02	49	65437	21.06	ug/l	94
29) Tetrahydrofuran	5.16	42	191468	103.15	ug/l	97
30) Chloroform	5.22	83	132822	20.10	ug/l	99
31) Cyclohexane	5.58	56	114022	19.21	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	111336	20.16	ug/l	98
36) 1,1-Dichloropropene	5.80	75	99443	19.44	ug/l	100
37) Ethyl Acetate	4.85	43	115521	20.74	ug/l	100
38) Carbon Tetrachloride	5.79	117	95625	19.24	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	110562	19.05	ug/l	99
40) Benzene	6.15	78	310777	20.23	ug/l	99
41) Methacrylonitrile	5.06	41	63271	20.28	ug/l	98
42) 1,2-Dichloroethane	6.20	62	109327	20.33	ug/l	100
43) Isopropyl Acetate	6.46	43	163078	19.86	ug/l	99
44) Trichloroethene	7.21	130	79997	19.18	ug/l	94
45) 1,2-Dichloropropane	7.52	63	79428	20.20	ug/l	98
46) Dibromomethane	7.67	93	51436	20.02	ug/l	99
47) Bromodichloromethane	7.90	83	94312	19.38	ug/l	97
48) Methyl methacrylate	7.78	41	85399	20.66	ug/l	99
49) 1,4-Dioxane	7.76	88	39680	426.37	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	723952	107.52	ug/l	98
52) Toluene	8.79	92	198779	20.46	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	102815	19.55	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	116521	20.01	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	81317	20.27	ug/l	97
56) Ethyl methacrylate	9.18	69	108910	19.96	ug/l	98
57) 1,3-Dichloropropane	9.37	76	136404	20.49	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	293028	105.48	ug/l	98
59) 2-Hexanone	9.50	43	553902	109.31	ug/l	98
60) Dibromochloromethane	9.59	129	74121	19.20	ug/l	99
61) 1,2-Dibromoethane	9.68	107	82643	20.21	ug/l	98
64) Tetrachloroethene	9.34	164	79520	19.53	ug/l	93
65) Chlorobenzene	10.14	112	213662	19.26	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	73571	19.44	ug/l	98
67) Ethyl Benzene	10.26	91	351341	20.00	ug/l	95
68) m/p-Xylenes	10.36	106	281145	40.86	ug/l	100
69) o-Xylene	10.70	106	134772	20.50	ug/l	98
70) Styrene	10.71	104	228452	20.64	ug/l	98
71) Bromoform	10.86	173	54624	18.20	ug/l	99
73) Isopropylbenzene	11.02	105	365844	21.59	ug/l	97
74) N-amyl acetate	6.46	43	163078	20.46	ug/l	# 98
75) 1,1,2,2-Tetrachloroethane	11.27	83	124191	20.99	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	110682m	22.04	ug/l	
77) Bromobenzene	11.26	156	96204	20.59	ug/l	98
78) n-propylbenzene	11.36	91	421628	22.23	ug/l	99
79) 2-Chlorotoluene	11.42	91	251263	21.74	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	305450	22.01	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	30799	18.99	ug/l	93
82) 4-Chlorotoluene	11.51	91	298224	21.83	ug/l	100
83) tert-Butylbenzene	11.77	119	291128	20.81	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	315845	21.98	ug/l	100
85) sec-Butylbenzene	11.94	105	358064	21.87	ug/l	100
86) p-Isopropyltoluene	12.07	119	313978	21.18	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	179809	20.18	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	174236	19.00	ug/l	98
89) n-Butylbenzene	12.39	91	231970	19.86	ug/l	99
90) Hexachloroethane	12.60	117	41420	18.68	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	154862	19.27	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21490	20.66	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	107416	19.56	ug/l	99
94) Hexachlorobutadiene	13.79	225	49223	17.88	ug/l	99
95) Naphthalene	13.83	128	329675	19.54	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	110631	18.47	ug/l	99

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

