

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082818\
 Data File : VX004275.D
 Acq On : 28 Aug 2018 18:23
 Operator : JC/MD
 Sample : VX0828MBSD01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0828MBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/29/2018 5:51:20 PM

Quant Time: Aug 29 00:56:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	350415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	508914	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	452046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	259350	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	217261	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
35) Dibromofluoromethane	5.50	113	186426	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
50) Toluene-d8	8.71	98	705842	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	11.14	95	262836	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	78955	19.45	ug/l	97
3) Chloromethane	1.32	50	91900	20.66	ug/l	99
4) Vinyl Chloride	1.40	62	90686	19.75	ug/l	99
5) Bromomethane	1.64	94	45108	18.66	ug/l	98
6) Chloroethane	1.72	64	61418	18.13	ug/l	97
7) Trichlorofluoromethane	1.92	101	120287	19.12	ug/l	94
8) Diethyl Ether	2.18	74	53665	19.92	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75453	19.15	ug/l	99
10) Methyl Iodide	2.51	142	70116	18.69	ug/l	98
11) Tert butyl alcohol	3.07	59	103158	105.96	ug/l	100
12) 1,1-Dichloroethene	2.37	96	70385	18.96	ug/l	99
13) Acrolein	2.29	56	21561	91.86	ug/l	98
14) Allyl chloride	2.73	41	129838	19.04	ug/l	100
15) Acrylonitrile	3.15	53	235474	97.66	ug/l	100
16) Acetone	2.45	43	194337	99.37	ug/l	99
17) Carbon Disulfide	2.57	76	173610	17.37	ug/l	100
18) Methyl Acetate	2.78	43	155874	23.00	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	253891	20.75	ug/l	98
20) Methylene Chloride	2.85	84	83617	19.02	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	76442	18.60	ug/l	98
22) Diisopropyl ether	3.87	45	248546	19.52	ug/l	98
23) Vinyl Acetate	3.82	43	984061	95.34	ug/l	99
24) 1,1-Dichloroethane	3.69	63	146908	19.80	ug/l	99
25) 2-Butanone	4.71	43	308277	99.01	ug/l	98
26) 2,2-Dichloropropane	4.59	77	109534	18.82	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	90498	19.42	ug/l	98
28) Bromochloromethane	5.01	49	65190	19.84	ug/l	99
29) Tetrahydrofuran	5.17	42	197068	100.43	ug/l	98
30) Chloroform	5.21	83	144119	19.37	ug/l	97
31) Cyclohexane	5.57	56	121629	18.99	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	121065	19.51	ug/l	99
36) 1,1-Dichloropropene	5.80	75	106543	18.62	ug/l	99
37) Ethyl Acetate	4.86	43	112141	19.93	ug/l	99
38) Carbon Tetrachloride	5.78	117	101637	18.88	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	119896	18.35	ug/l	99
40) Benzene	6.14	78	333505	19.51	ug/l	98
41) Methacrylonitrile	5.06	41	65175	19.98	ug/l	99
42) 1,2-Dichloroethane	6.20	62	113047	19.39	ug/l	99
43) Isopropyl Acetate	6.46	43	174264	20.15	ug/l	99
44) Trichloroethene	7.21	130	90854	19.20	ug/l	97
45) 1,2-Dichloropropane	7.52	63	82517	19.29	ug/l	98
46) Dibromomethane	7.67	93	54598	19.16	ug/l	99
47) Bromodichloromethane	7.90	83	99838	18.83	ug/l	99
48) Methyl methacrylate	7.78	41	90688	19.60	ug/l	99
49) 1,4-Dioxane	7.76	88	42318	402.87	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	599250	95.39	ug/l	99
52) Toluene	8.79	92	214444	20.04	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	111605	19.06	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	124480	19.52	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	86519	20.03	ug/l	99
56) Ethyl methacrylate	9.18	69	120767	20.54	ug/l	99
57) 1,3-Dichloropropane	9.37	76	144050	19.78	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	320360	106.32	ug/l	100
59) 2-Hexanone	9.50	43	456361	95.22	ug/l	99
60) Dibromochloromethane	9.59	129	78110	18.56	ug/l	100
61) 1,2-Dibromoethane	9.67	107	85886	19.21	ug/l	97
64) Tetrachloroethene	9.34	164	91875	20.57	ug/l	100
65) Chlorobenzene	10.14	112	228221	20.12	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	75609	19.32	ug/l	99
67) Ethyl Benzene	10.26	91	363251	19.72	ug/l	100
68) m/p-Xylenes	10.36	106	299818	41.62	ug/l	100
69) o-Xylene	10.70	106	148106	21.73	ug/l	97
70) Styrene	10.71	104	239473	21.70	ug/l	100
71) Bromoform	10.86	173	60351	19.13	ug/l	99
73) Isopropylbenzene	11.02	105	402546	23.63	ug/l	99
74) N-amyl acetate	10.90	43	147928	22.56	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	130921	21.96	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	117068m	22.19	ug/l	
77) Bromobenzene	11.26	156	107787	22.56	ug/l	98
78) n-propylbenzene	11.36	91	444334	22.68	ug/l	99
79) 2-Chlorotoluene	11.42	91	271051	22.48	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	329843	23.38	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34531	21.24	ug/l	97
82) 4-Chlorotoluene	11.51	91	312258	22.01	ug/l	99
83) tert-Butylbenzene	11.77	119	319380	22.50	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	341559	23.59	ug/l	99
85) sec-Butylbenzene	11.94	105	379751	22.54	ug/l	100
86) p-Isopropyltoluene	12.07	119	319657	21.17	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	187573	20.85	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	184060	19.40	ug/l	98
89) n-Butylbenzene	12.39	91	254821	20.75	ug/l	99
90) Hexachloroethane	12.60	117	42782	20.27	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	170029	20.68	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22467	21.40	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	121834	20.37	ug/l	98
94) Hexachlorobutadiene	13.79	225	53693	19.21	ug/l	95
95) Naphthalene	13.83	128	367309	21.71	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	125092	19.75	ug/l	99

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

