

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
 Data File : VX004359.D
 Acq On : 04 Sep 2018 20:40
 Operator : JC/MD
 Sample : VX0904MBSD01
 Misc : 5.00µl/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904MBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/5/2018 4:52:52 PM

Quant Time: Sep 05 07:52:34 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	5.66	168	314190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	463832	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	438373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	260588	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	196272	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
35) Dibromofluoromethane	5.50	113	168862	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	8.71	98	626152	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
62) 4-Bromofluorobenzene	11.14	95	238313	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	66013	18.14	ug/l	97
3) Chloromethane	1.32	50	73545	18.47	ug/l	99
4) Vinyl Chloride	1.40	62	78819	19.15	ug/l	98
5) Bromomethane	1.64	94	35875	16.31	ug/l	97
6) Chloroethane	1.72	64	52498	17.30	ug/l	100
7) Trichlorofluoromethane	1.92	101	106396	18.86	ug/l	94
8) Diethyl Ether	2.18	74	48656	20.14	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	66855	18.92	ug/l	98
10) Methyl Iodide	2.51	142	64305	19.02	ug/l	99
11) Tert butyl alcohol	3.07	59	95056	108.89	ug/l	100
12) 1,1-Dichloroethene	2.37	96	63443	19.06	ug/l	98
13) Acrolein	2.29	56	22161	105.30	ug/l	98
14) Allyl chloride	2.72	41	118642	19.40	ug/l	98
15) Acrylonitrile	3.15	53	222483	102.92	ug/l	99
16) Acetone	2.45	43	178806	102.19	ug/l	100
17) Carbon Disulfide	2.56	76	147734	16.52	ug/l	98
18) Methyl Acetate	2.78	43	157739	25.96	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	229407	20.91	ug/l	99
20) Methylene Chloride	2.86	84	76476	19.40	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	68901	18.70	ug/l	96
22) Diisopropyl ether	3.87	45	229714	20.12	ug/l	99
23) Vinyl Acetate	3.82	43	871900	94.22	ug/l	99
24) 1,1-Dichloroethane	3.69	63	134303	20.18	ug/l	100
25) 2-Butanone	4.70	43	290012	104.03	ug/l	99
26) 2,2-Dichloropropane	4.58	77	84134	16.12	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	80993	19.38	ug/l	97
28) Bromochloromethane	5.01	49	59467	20.19	ug/l	99
29) Tetrahydrofuran	5.16	42	184035	104.60	ug/l	100
30) Chloroform	5.21	83	131905	19.77	ug/l	99
31) Cyclohexane	5.57	56	106753	18.59	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	108786	19.55	ug/l	99
36) 1,1-Dichloropropene	5.79	75	95926	18.40	ug/l	100
37) Ethyl Acetate	4.86	43	100560	19.61	ug/l	99
38) Carbon Tetrachloride	5.78	117	91944	18.74	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	108032	18.15	ug/l	98
40) Benzene	6.14	78	300336	19.28	ug/l	100
41) Methacrylonitrile	5.06	41	59786	20.11	ug/l	99
42) 1,2-Dichloroethane	6.20	62	101500	19.10	ug/l	99
43) Isopropyl Acetate	6.46	43	157095	19.94	ug/l	99
44) Trichloroethene	7.21	130	82013	19.02	ug/l	97
45) 1,2-Dichloropropane	7.52	63	77912	19.98	ug/l	99
46) Dibromomethane	7.67	93	49397	19.02	ug/l	98
47) Bromodichloromethane	7.90	83	92846	19.22	ug/l	100
48) Methyl methacrylate	7.78	41	83031	19.69	ug/l	98
49) 1,4-Dioxane	7.76	88	40811	426.29	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	558474	97.54	ug/l	99
52) Toluene	8.79	92	191988	19.68	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	98699	18.50	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	112876	19.42	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	78989	20.06	ug/l	98
56) Ethyl methacrylate	9.18	69	107894	20.13	ug/l	98
57) 1,3-Dichloropropane	9.37	76	133259	20.08	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	269772	98.23	ug/l	100
59) 2-Hexanone	9.50	43	421688	96.54	ug/l	100
60) Dibromochloromethane	9.59	129	73822	19.24	ug/l	99
61) 1,2-Dibromoethane	9.67	107	80221	19.69	ug/l	99
64) Tetrachloroethene	9.34	164	87782	20.27	ug/l	99
65) Chlorobenzene	10.14	112	205523	18.68	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	70773	18.65	ug/l	99
67) Ethyl Benzene	10.25	91	336935	18.86	ug/l	97
68) m/p-Xylenes	10.36	106	267177	38.24	ug/l	96
69) o-Xylene	10.70	106	133118	20.14	ug/l	100
70) Styrene	10.71	104	220513	20.61	ug/l	100
71) Bromoform	10.86	173	55464	18.13	ug/l	97
73) Isopropylbenzene	11.02	105	362833	21.20	ug/l	100
74) N-amyl acetate	10.90	43	132781	20.15	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	118044	19.71	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	108504m	20.47	ug/l	
77) Bromobenzene	11.26	156	97129	20.23	ug/l	99
78) n-propylbenzene	11.36	91	402026	20.42	ug/l	99
79) 2-Chlorotoluene	11.42	91	247218	20.40	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	298844	21.08	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	28798	17.63	ug/l	97
82) 4-Chlorotoluene	11.51	91	285830	20.05	ug/l	100
83) tert-Butylbenzene	11.77	119	294095	20.62	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	306711	21.08	ug/l	100
85) sec-Butylbenzene	11.94	105	364739	21.54	ug/l	100
86) p-Isopropyltoluene	12.07	119	325875	21.48	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	176325	19.51	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	181142	19.01	ug/l	99
89) n-Butylbenzene	12.39	91	243282	19.72	ug/l	99
90) Hexachloroethane	12.60	117	42698	20.13	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	163773	19.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21156	20.05	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	124166	20.66	ug/l	96
94) Hexachlorobutadiene	13.78	225	61884	22.05	ug/l	98
95) Naphthalene	13.83	128	381604	22.45	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132893	20.88	ug/l	100

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

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