

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005876.D
 Acq On : 09 Nov 2018 22:38
 Operator : JC/MD
 Sample : VX1109MBS02
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109MBS02

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 9:12:02 AM

Quant Time: Nov 12 01:20:52 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	104269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	141388	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	126012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	69055	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	61297	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
35) Dibromofluoromethane	5.51	113	51004	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
50) Toluene-d8	8.71	98	167431	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
62) 4-Bromofluorobenzene	11.13	95	60072	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	18538	19.719	ug/l	99
3) Chloromethane	1.33	50	25229	20.449	ug/l	93
4) Vinyl Chloride	1.40	62	22856	18.453	ug/l	99
5) Bromomethane	1.64	94	13747	18.137	ug/l	99
6) Chloroethane	1.72	64	14410	19.499	ug/l	96
7) Trichlorofluoromethane	1.93	101	32972	20.055	ug/l	96
8) Diethyl Ether	2.19	74	12845	19.939	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	18766	19.846	ug/l	98
10) Methyl Iodide	2.51	142	19845	17.317	ug/l	99
11) Tert butyl alcohol	3.06	59	35482	103.329	ug/l	99
12) 1,1-Dichloroethene	2.37	96	17484	18.971	ug/l	84
13) Acrolein	2.29	56	12648	90.491	ug/l	97
14) Allyl chloride	2.73	41	42296	20.548	ug/l	98
15) Acrylonitrile	3.15	53	72907	102.451	ug/l	98
16) Acetone	2.45	43	68028	105.402	ug/l	97
17) Carbon Disulfide	2.57	76	51086	18.583	ug/l	100
18) Methyl Acetate	2.78	43	38537	21.433	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	65076	20.688	ug/l	99
20) Methylene Chloride	2.85	84	22228	20.966	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	19131	19.680	ug/l	91
22) Diisopropyl ether	3.87	45	73685	20.435	ug/l #	91
23) Vinyl Acetate	3.82	43	314273	101.652	ug/l	99
24) 1,1-Dichloroethane	3.70	63	39134	20.343	ug/l	98
25) 2-Butanone	4.70	43	105884	104.351	ug/l	98
26) 2,2-Dichloropropane	4.59	77	25359	17.970	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	21979	20.477	ug/l	98
28) Bromochloromethane	5.01	49	19045	22.151	ug/l	97
29) Tetrahydrofuran	5.16	42	66392	101.905	ug/l	98
30) Chloroform	5.21	83	37827	20.381	ug/l	99
31) Cyclohexane	5.57	56	33801	20.241	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	31982	20.659	ug/l	99
36) 1,1-Dichloropropene	5.80	75	28478	20.893	ug/l	99
37) Ethyl Acetate	4.86	43	39085	21.806	ug/l	99
38) Carbon Tetrachloride	5.78	117	27597	20.225	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	29837	21.598	ug/l	90
40) Benzene	6.14	78	84404	21.242	ug/l	93
41) Methacrylonitrile	5.06	41	20383	21.046	ug/l	98
42) 1,2-Dichloroethane	6.20	62	31058	21.823	ug/l	99
43) Isopropyl Acetate	6.46	43	54419	20.953	ug/l	98
44) Trichloroethene	7.21	130	21682	21.487	ug/l	95
45) 1,2-Dichloropropane	7.52	63	23177	24.032	ug/l	95
46) Dibromomethane	7.66	93	13103	21.651	ug/l	99
47) Bromodichloromethane	7.90	83	25248	22.075	ug/l	92
48) Methyl methacrylate	7.77	41	24646	21.134	ug/l	100
49) 1,4-Dioxane	7.75	88	10847	431.640	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	172214	105.210	ug/l	98
52) Toluene	8.78	92	46243	20.823	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	25376	18.801	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	29266	21.274	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	18652	18.846	ug/l	98
56) Ethyl methacrylate	9.18	69	26573	17.944	ug/l	97
57) 1,3-Dichloropropane	9.37	76	31099	18.698	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	85327	110.518	ug/l	99
59) 2-Hexanone	9.49	43	132515	91.845	ug/l	99
60) Dibromochloromethane	9.59	129	19360	18.100	ug/l	97
61) 1,2-Dibromoethane	9.67	107	19545	17.859	ug/l	100
64) Tetrachloroethene	9.34	164	21379	19.927	ug/l	98
65) Chlorobenzene	10.14	112	49654	19.669	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	18425	20.994	ug/l	100
67) Ethyl Benzene	10.25	91	83491	20.625	ug/l	99
68) m/p-Xylenes	10.36	106	64823	41.982	ug/l	99
69) o-Xylene	10.70	106	30331	21.907	ug/l	99
70) Styrene	10.71	104	50876	22.275	ug/l	99
71) Bromoform	10.86	173	15761	21.423	ug/l #	99
73) Isopropylbenzene	11.02	105	84556	21.174	ug/l	99
74) N-amyl acetate	10.90	43	41419	19.274	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	29490	20.119	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	29139m	20.723	ug/l	
77) Bromobenzene	11.26	156	22748	20.210	ug/l	99
78) n-propylbenzene	11.36	91	97901	20.802	ug/l	99
79) 2-Chlorotoluene	11.42	91	58996	20.739	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	71842	21.170	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	8445	19.142	ug/l	95
82) 4-Chlorotoluene	11.51	91	69927	20.858	ug/l	99
83) tert-Butylbenzene	11.77	119	68890	20.066	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	74605	19.849	ug/l	100
85) sec-Butylbenzene	11.94	105	85284	20.314	ug/l	99
86) p-Isopropyltoluene	12.07	119	76229	20.499	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	42115	19.496	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	42459	19.201	ug/l	98
89) n-Butylbenzene	12.39	91	64860	18.819	ug/l	99
90) Hexachloroethane	12.60	117	12370	19.924	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	42008	19.412	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7304	20.421	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	30258	19.862	ug/l	100
94) Hexachlorobutadiene	13.78	225	15208	19.005	ug/l	99
95) Naphthalene	13.83	128	91816	19.223	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	31804	20.492	ug/l	99

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

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