

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
 Data File : VX004349.D
 Acq On : 04 Sep 2018 16:12
 Operator : JC/MD
 Sample : VX0904MBS01
 Misc : 5.00µl/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/5/2018 4:52:51 PM

Quant Time: Sep 05 07:17:19 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	304274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	439420	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	402772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	242902	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	192361	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
35) Dibromofluoromethane	5.50	113	166622	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	8.71	98	620964	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.14	95	231471	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	68314	19.38	ug/l	99
3) Chloromethane	1.32	50	73856	19.14	ug/l	99
4) Vinyl Chloride	1.40	62	79145	19.85	ug/l	100
5) Bromomethane	1.64	94	40018	19.11	ug/l	100
6) Chloroethane	1.71	64	60225	20.46	ug/l	100
7) Trichlorofluoromethane	1.92	101	107856	19.74	ug/l	96
8) Diethyl Ether	2.18	74	49115	20.99	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	68912	20.14	ug/l	100
10) Methyl Iodide	2.51	142	68688	20.54	ug/l	99
11) Tert butyl alcohol	3.07	59	97557	115.40	ug/l	100
12) 1,1-Dichloroethene	2.37	96	64133	19.90	ug/l	99
13) Acrolein	2.29	56	21949	107.69	ug/l	96
14) Allyl chloride	2.72	41	125777	21.24	ug/l	97
15) Acrylonitrile	3.15	53	229943	109.83	ug/l	100
16) Acetone	2.45	43	198053	118.08	ug/l	100
17) Carbon Disulfide	2.56	76	157415	18.10	ug/l	100
18) Methyl Acetate	2.78	43	164001	27.87	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	225913	21.27	ug/l	97
20) Methylene Chloride	2.85	84	78447	20.55	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	69239	19.41	ug/l	97
22) Diisopropyl ether	3.87	45	229184	20.73	ug/l	99
23) Vinyl Acetate	3.82	43	884214	98.66	ug/l	99
24) 1,1-Dichloroethane	3.69	63	137495	21.34	ug/l	100
25) 2-Butanone	4.71	43	298934	110.91	ug/l	98
26) 2,2-Dichloropropane	4.58	77	100064	19.80	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	80835	19.98	ug/l	100
28) Bromochloromethane	5.02	49	60370	21.16	ug/l	99
29) Tetrahydrofuran	5.16	42	186211	109.28	ug/l	100
30) Chloroform	5.21	83	134823	20.87	ug/l	96
31) Cyclohexane	5.57	56	106461	19.15	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	110009	20.42	ug/l	100
36) 1,1-Dichloropropene	5.80	75	95398	19.31	ug/l	98
37) Ethyl Acetate	4.86	43	101675	20.93	ug/l	99
38) Carbon Tetrachloride	5.78	117	94785	20.40	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	108376	19.21	µg/l	98
40) Benzene	6.14	78	305825	20.72	µg/l	100
41) Methacrylonitrile	5.06	41	60201	21.38	µg/l	99
42) 1,2-Dichloroethane	6.20	62	103037	20.46	µg/l	99
43) Isopropyl Acetate	6.46	43	158028	21.17	µg/l	100
44) Trichloroethene	7.21	130	80803	19.78	µg/l	96
45) 1,2-Dichloropropane	7.52	63	78121	21.15	µg/l	96
46) Dibromomethane	7.66	93	50130	20.38	µg/l	99
47) Bromodichloromethane	7.90	83	95470	20.86	µg/l	97
48) Methyl methacrylate	7.78	41	83972	21.02	µg/l	99
49) 1,4-Dioxane	7.76	88	41107	453.24	µg/l	98
51) 4-Methyl-2-Pentanone	8.65	43	563048	103.80	µg/l	100
52) Toluene	8.79	92	192729	20.86	µg/l	99
53) t-1,3-Dichloropropene	9.04	75	101859	20.15	µg/l	99
54) cis-1,3-Dichloropropene	8.44	75	115302	20.94	µg/l	96
55) 1,1,2-Trichloroethane	9.22	97	80860	21.68	µg/l	98
56) Ethyl methacrylate	9.18	69	106078	20.89	µg/l	99
57) 1,3-Dichloropropane	9.37	76	133648	21.26	µg/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	271993	104.54	µg/l	99
59) 2-Hexanone	9.50	43	432131	104.42	µg/l	100
60) Dibromochloromethane	9.59	129	76352	21.01	µg/l	100
61) 1,2-Dibromoethane	9.67	107	80279	20.80	µg/l	100
64) Tetrachloroethene	9.34	164	87608	22.02	µg/l	99
65) Chlorobenzene	10.14	112	205374	20.32	µg/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	73552	21.10	µg/l	100
67) Ethyl Benzene	10.26	91	338179	20.60	µg/l	99
68) m/p-Xylenes	10.36	106	279477	43.54	µg/l	99
69) o-Xylene	10.70	106	132530	21.83	µg/l	100
70) Styrene	10.71	104	222508	22.63	µg/l	99
71) Bromoform	10.86	173	57716	20.54	µg/l #	99
73) Isopropylbenzene	11.02	105	353458	22.16	µg/l	99
74) N-amyl acetate	10.90	43	128783	20.97	µg/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	122400	21.92	µg/l	100
76) 1,2,3-Trichloropropane	11.30	75	109788m	22.22	µg/l	
77) Bromobenzene	11.26	156	97087	21.69	µg/l	99
78) n-propylbenzene	11.36	91	410580	22.38	µg/l	100
79) 2-Chlorotoluene	11.42	91	246138	21.79	µg/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	302590	22.90	µg/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	32091	21.08	µg/l	98
82) 4-Chlorotoluene	11.51	91	291101	21.90	µg/l	99
83) tert-Butylbenzene	11.77	119	294575	22.16	µg/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	312834	23.07	µg/l	99
85) sec-Butylbenzene	11.95	105	366867	23.25	µg/l	100
86) p-Isopropyltoluene	12.07	119	310603	21.96	µg/l	98
87) 1,3-Dichlorobenzene	12.03	146	178667	21.20	µg/l	99
88) 1,4-Dichlorobenzene	12.10	146	172816	19.45	µg/l	97
89) n-Butylbenzene	12.39	91	244420	21.25	µg/l	97
90) Hexachloroethane	12.60	117	42673	21.59	µg/l	99
91) 1,2-Dichlorobenzene	12.40	146	162326	21.08	µg/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20946	21.30	µg/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	123598	22.06	ug/l	99
94) Hexachlorobutadiene	13.79	225	65608	25.10	ug/l	94
95) Naphthalene	13.83	128	376992	23.79	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	134410	22.66	ug/l	99

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

