Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032819\
Data File : VX008513.D
Acq On : 28 Mar 2019 12:44
Operator : JC/SP
Sample : VX0328MBS01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0328MBS01

Manual Integrations APPROVED
MMDadoda
3/29/2019 10:51:41 AM

Quant Time: Mar 29 02:07:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	186986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	319802	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	286583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132437	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	140123	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.86%			
35) Dibromofluoromethane	5.49	113	103347	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.12%			
50) Toluene-d8	8.71	98	417355	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.10%			
62) 4-Bromofluorobenzene	11.13	95	154240	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	39553	17.945	ug/l	97
3) Chloromethane	1.32	50	57589	20.322	ug/l	99
4) Vinyl Chloride	1.40	62	54994	17.870	ug/l	99
5) Bromomethane	1.64	94	28905	19.057	ug/l	99
6) Chloroethane	1.72	64	33831	18.557	ug/l	99
7) Trichlorofluoromethane	1.93	101	64102	18.392	ug/l	98
8) Diethyl Ether	2.18	74	30678	18.599	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	39801	18.895	ug/l	99
10) Methyl Iodide	2.51	142	41009	22.486	ug/l	100
11) Tert butyl alcohol	3.04	59	62204	99.041	ug/l	100
12) 1,1-Dichloroethene	2.37	96	40988	18.842	ug/l	92
13) Acrolein	2.29	56	38087	83.507	ug/l	98
14) Allyl chloride	2.73	41	91350	19.061	ug/l	99
15) Acrylonitrile	3.14	53	162566	98.711	ug/l	99
16) Acetone	2.44	43	147919	99.837	ug/l	98
17) Carbon Disulfide	2.57	76	116052	18.351	ug/l	98
18) Methyl Acetate	2.77	43	69807	19.618	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	155203	19.798	ug/l	97
20) Methylene Chloride	2.85	84	49580	20.122	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	43987	20.131	ug/l	97
22) Diisopropyl ether	3.85	45	186972	19.813	ug/l	98
23) Vinyl Acetate	3.81	43	822928	99.954	ug/l	100
24) 1,1-Dichloroethane	3.70	63	92000	19.311	ug/l	99
25) 2-Butanone	4.67	43	236055	99.380	ug/l	100
26) 2,2-Dichloropropane	4.59	77	60347	19.044	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	52064	19.572	ug/l	98
28) Bromochloromethane	5.02	49	44461	18.890	ug/l	99
29) Tetrahydrofuran	5.13	42	154075	98.421	ug/l	100
30) Chloroform	5.21	83	84909	19.748	ug/l	98
31) Cyclohexane	5.58	56	87361	19.226	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	65999	19.204	ug/l	99
36) 1,1-Dichloropropene	5.80	75	64225	18.835	ug/l	99
37) Ethyl Acetate	4.83	43	90029	20.381	ug/l	100
38) Carbon Tetrachloride	5.79	117	53844	18.922	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	7.46	83	78109	19.168 ug/l		99
40) Benzene	6.14	78	199460	19.539 ug/l		99
41) Methacrylonitrile	5.04	41	50247	20.241 ug/l		99
42) 1,2-Dichloroethane	6.19	62	72044	19.276 ug/l		100
43) Isopropyl Acetate	6.45	43	139380	19.727 ug/l		100
44) Trichloroethene	7.21	130	45211	18.863 ug/l		97
45) 1,2-Dichloropropane	7.51	63	57435	19.795 ug/l		97
46) Dibromomethane	7.66	93	32589	19.234 ug/l		99
47) Bromodichloromethane	7.90	83	62013	19.122 ug/l		95
48) Methyl methacrylate	7.77	41	70125	19.836 ug/l		99
49) 1,4-Dioxane	7.74	88	27863	396.377 ug/l		100
51) 4-Methyl-2-Pentanone	8.64	43	463488	100.997 ug/l		100
52) Toluene	8.79	92	120990	19.822 ug/l		98
53) t-1,3-Dichloropropene	9.04	75	67663	19.048 ug/l		98
54) cis-1,3-Dichloropropene	8.43	75	76438	18.924 ug/l		96
55) 1,1,2-Trichloroethane	9.21	97	49302	19.843 ug/l		99
56) Ethyl methacrylate	9.18	69	89387	19.930 ug/l		100
57) 1,3-Dichloropropane	9.37	76	86879	19.503 ug/l		99
58) 2-Chloroethyl Vinyl ether	8.31	63	214411	92.484 ug/l		100
59) 2-Hexanone	9.49	43	359171	101.007 ug/l		99
60) Dibromochloromethane	9.58	129	44811	18.964 ug/l		99
61) 1,2-Dibromoethane	9.67	107	49760	19.625 ug/l		100
64) Tetrachloroethene	9.34	164	38155	19.666 ug/l		99
65) Chlorobenzene	10.13	112	121740	19.534 ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.22	131	41739	19.412 ug/l		98
67) Ethyl Benzene	10.25	91	229732	19.531 ug/l		99
68) m/p-Xylenes	10.36	106	167267	39.090 ug/l		99
69) o-Xylene	10.69	106	81803	19.700 ug/l		100
70) Styrene	10.71	104	143045	19.943 ug/l		99
71) Bromoform	10.85	173	31145	18.341 ug/l	#	100
73) Isopropylbenzene	11.02	105	217289	20.167 ug/l		100
74) N-amyl acetate	10.90	43	127402	20.429 ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.27	83	82208	19.665 ug/l		100
76) 1,2,3-Trichloropropane	11.29	75	69886m	17.750 ug/l		
77) Bromobenzene	11.26	156	51446	19.674 ug/l		99
78) n-propylbenzene	11.36	91	252039	19.969 ug/l		99
79) 2-Chlorotoluene	11.42	91	152326	19.842 ug/l		100
80) 1,3,5-Trimethylbenzene	11.51	105	181935	19.973 ug/l		99
81) trans-1,4-Dichloro-2-buten	11.07	75	22603	18.387 ug/l		91
82) 4-Chlorotoluene	11.51	91	174396	19.694 ug/l		100
83) tert-Butylbenzene	11.77	119	175196	19.935 ug/l		99
84) 1,2,4-Trimethylbenzene	11.80	105	184752	20.053 ug/l		98
85) sec-Butylbenzene	11.94	105	210447	20.108 ug/l		100
86) p-Isopropyltoluene	12.06	119	187101	20.261 ug/l		100
87) 1,3-Dichlorobenzene	12.02	146	90710	19.415 ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	90905	19.279 ug/l		99
89) n-Butylbenzene	12.38	91	173628	19.848 ug/l		99
90) Hexachloroethane	12.59	117	29103	18.917 ug/l		98
91) 1,2-Dichlorobenzene	12.39	146	92200	19.706 ug/l		99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18157	19.920 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	63304	20.096	ug/l	99
94) Hexachlorobutadiene	13.78	225	29607	19.794	ug/l	98
95) Naphthalene	13.83	128	228962	21.201	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	65824	20.795	ug/l	99

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

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