Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091117\
Data File : BM011500.D
Acq On : 11 Sep 2017 17:14
Operator : SJ/JU
Sample : MDL-S-ME-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-S-ME-02

Manual Integrations APPROVED
Sohil
9/12/2017 2:22:02 PM

Quant Time: Sep 11 18:11:25 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 18:01:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	437671	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	1978317	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	1181242	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2676793	20.00	ng/ul	0.00
78) Chrysene-d12	21.51	240	3035456	20.00	ng/ul	0.00
86) Perylene-d12	23.88	264	2842139	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	60559	6.22	ng/uL	0.00
5) Phenol-d5	7.12	99	1304610	31.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	950733	33.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	1028634	32.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	1052108	32.07	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	518725	34.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	521747	33.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	1000383	31.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	1442775	41.60	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	3445403	34.50	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	4179816	34.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	535031	28.51	ng/ul	0.00
58) Fluorene-d10	15.60	176	2948620	34.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	429333	27.56	ng/ul	0.00
71) Anthracene-d10	17.44	188	4537081	34.42	ng/ul	0.00
79) Pyrene-d10	19.73	212	5069695	35.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	4727532	34.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	18394	1.725	ng/uL#	76
4) Benzaldehyde	7.12	77	56419	2.349	ng/ul	96
6) Phenol	7.15	94	151839	3.640	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.39	93	130615	3.977	ng/ul#	86
10) 2-Chlorophenol	7.53	128	116954	3.785	ng/ul	93
11) 2-Methylphenol	8.41	108	108661	3.435	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.51	45	218038	4.096	ng/ul	93
14) Acetophenone	8.80	105	187189	3.733	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.78	70	101215	3.761	ng/ul#	75
16) 4-Methylphenol	8.74	108	123110	3.557	ng/ul	87
17) Hexachloroethane	9.06	117	44054	3.730	ng/ul	83
20) Nitrobenzene	9.19	77	139214	3.942	ng/ul	95
21) Isophorone	9.70	82	264303	3.717	ng/ul	97
23) 2-Nitrophenol	9.89	139	62574	3.815	ng/ul#	93
24) 2,4-Dimethylphenol	9.95	107	131264	3.740	ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.19	93	176933	3.816	ng/ul	95
27) 2,4-Dichlorophenol	10.42	162	112441	3.711	ng/ul#	88
28) Naphthalene	10.83	128	403300	3.931	ng/ul	98
30) 4-Chloroaniline	10.94	127	147739	4.483	ng/ul	96
31) Hexachlorobutadiene	11.12	225	67727	3.938	ng/ul	92
32) Caprolactam	11.75	113	29809m	3.125	ng/ul	
33) 4-Chloro-3-methylphenol	12.05	107	108623	3.381	ng/ul	96
34) 2-Methylnaphthalene	12.44	142	288334	3.785	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.66	142	276739	3.814	ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	136616	3.899	ng/ul#	94
38) Hexachlorocyclopentadiene	12.78	237	52404	2.668	ng/ul#	97
39) 2,4,6-Trichlorophenol	13.04	196	78895	3.307	ng/ul	98
40) 2,4,5-Trichlorophenol	13.11	196	77123	3.188	ng/ul	97
41) 1,1'-Biphenyl	13.44	154	379042	3.856	ng/ul#	93
42) 2-Chloronaphthalene	13.49	162	283217	3.829	ng/ul	99
43) 2-Nitroaniline	13.69	65	70492	3.069	ng/ul#	83
45) Dimethylphthalate	14.06	163	373109	3.902	ng/ul#	97
46) 2,6-Dinitrotoluene	14.18	165	52172	3.090	ng/ul	89
48) Acenaphthylene	14.33	152	476146	3.917	ng/ul	96
49) 3-Nitroaniline	14.51	138	53444	2.567	ng/ul#	99
50) Acenaphthene	14.67	153	315531	3.842	ng/ul	97
51) 2,4-Dinitrophenol	14.71	184	22206	2.129	ng/ul#	74
53) 4-Nitrophenol	14.80	109	41303	3.424	ng/ul#	34
54) Dibenzofuran	15.00	168	450500	3.921	ng/ul	95
55) 2,4-Dinitrotoluene	14.96	165	79876	3.218	ng/ul#	73
56) 2,3,4,6-Tetrachlorophenol	15.23	232	72908	3.307	ng/ul#	77
57) Diethylphthalate	15.42	149	373952	3.758	ng/ul	96
59) Fluorene	15.65	166	374033	3.885	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.64	204	174407	3.866	ng/ul#	90
61) 4-Nitroaniline	15.67	138	62665	2.810	ng/ul#	79
64) 4,6-Dinitro-2-methylphenol	15.72	198	53849	3.374	ng/ul#	48
65) N-Nitrosodiphenylamine	15.85	169	302694	3.712	ng/ul	96
66) 4-Bromophenyl-phenylether	16.53	248	100520	3.677	ng/ul	93
67) Hexachlorobenzene	16.65	284	113225	3.762	ng/ul#	92
68) Atrazine	16.80	200	89976	3.185	ng/ul	98
69) Pentachlorophenol	16.99	266	50099	2.593	ng/ul	87
70) Phenanthrene	17.39	178	579545	3.884	ng/ul	99
72) Anthracene	17.48	178	597300	3.901	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	136056	3.814	ng/uL	96
74) Pentachlorobenzene	14.92	250	140085	3.872	ng/uL	97
75) Carbazole	17.74	167	492275	3.769	ng/ul	98
76) Di-n-butylphthalate	18.30	149	598386	3.488	ng/ul	99
77) Fluoranthene	19.39	202	632657	4.123	ng/ul#	88
80) Pyrene	19.76	202	724018	4.088	ng/ul#	83
81) Butylbenzylphthalate	20.64	149	256073	3.144	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.42	252	163317	2.963	ng/ul#	96
83) Benzo(a)anthracene	21.49	228	653988	3.913	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.40	149	396540	3.170	ng/ul#	95
85) Chrysene	21.54	228	598055	3.947	ng/ul	99
87) Di-n-octyl phthalate	22.32	149	666426	3.304	ng/ul	100
88) Benzo(b)fluoranthene	23.16	252	614148	3.592	ng/ul#	96
89) Benzo(k)fluoranthene	23.21	252	614153	3.740	ng/ul#	94
91) Benzo(a)pyrene	23.78	252	617337	3.825	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	26.32	276	643751	3.626	ng/ul#	85
93) Dibenzo(a,h)anthracene	26.33	278	531361	3.530	ng/ul#	94
94) Benzo(g,h,i)perylene	27.06	276	535317	3.723	ng/ul#	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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