Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091117\
Data File : BM011491.D
Acq On : 11 Sep 2017 11:49
Operator : SJ/JU
Sample : MDL-S-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-S-02

Manual Integrations APPROVED
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Quant Time: Sep 11 13:40:41 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 13:34:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	436244	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	1986068	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	1193920	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2652994	20.00	ng/ul	0.00
78) Chrysene-d12	21.51	240	3008031	20.00	ng/ul	0.00
86) Perylene-d12	23.88	264	2870088	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	48356	4.99	ng/uL	0.00
5) Phenol-d5	7.12	99	1246811	29.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	924045	32.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	1015323	32.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	1019402	31.17	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	502207	33.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	511932	32.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	961071	30.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	1455392	41.80	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	3352796	33.22	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	4080340	33.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	506657	26.71	ng/ul	0.00
58) Fluorene-d10	15.60	176	2872569	32.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	403772	26.16	ng/ul	0.00
71) Anthracene-d10	17.44	188	4422766	33.85	ng/ul	0.00
79) Pyrene-d10	19.73	212	4823593	34.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	4587470	33.54	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	16095	1.514	ng/uL#	76
4) Benzaldehyde	7.12	77	49595	2.072	ng/ul	99
6) Phenol	7.15	94	136007	3.271	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.39	93	115826	3.538	ng/ul#	86
10) 2-Chlorophenol	7.54	128	106710	3.465	ng/ul	96
11) 2-Methylphenol	8.41	108	94981	3.013	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.51	45	189377	3.569	ng/ul#	93
14) Acetophenone	8.80	105	171533	3.432	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.78	70	89598	3.340	ng/ul#	80
16) 4-Methylphenol	8.73	108	111019	3.218	ng/ul	97
17) Hexachloroethane	9.06	117	39331	3.341	ng/ul	84
20) Nitrobenzene	9.18	77	128143	3.615	ng/ul	94
21) Isophorone	9.70	82	234510	3.285	ng/ul	98
23) 2-Nitrophenol	9.89	139	56201	3.413	ng/ul#	87
24) 2,4-Dimethylphenol	9.95	107	115004	3.264	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.19	93	157173	3.377	ng/ul	99
27) 2,4-Dichlorophenol	10.43	162	101171	3.326	ng/ul	90
28) Naphthalene	10.83	128	360907	3.504	ng/ul	98
30) 4-Chloroaniline	10.94	127	134480	4.065	ng/ul	93
31) Hexachlorobutadiene	11.12	225	60398	3.498	ng/ul	100
32) Caprolactam	11.75	113	26002m	2.715	ng/ul	
33) 4-Chloro-3-methylphenol	12.05	107	97828	3.033	ng/ul	90
34) 2-Methylnaphthalene	12.44	142	254525	3.328	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.66	142	253158	3.475	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	121270	3.424	ng/ul#	93
38) Hexachlorocyclopentadiene	12.78	237	46839	2.360	ng/ul#	93
39) 2,4,6-Trichlorophenol	13.04	196	67431	2.796	ng/ul	93
40) 2,4,5-Trichlorophenol	13.12	196	68107	2.786	ng/ul	97
41) 1,1'-Biphenyl	13.44	154	338115	3.403	ng/ul#	94
42) 2-Chloronaphthalene	13.49	162	253592	3.392	ng/ul	99
43) 2-Nitroaniline	13.69	65	58369	2.514	ng/ul	83
45) Dimethylphthalate	14.06	163	337495	3.492	ng/ul#	97
46) 2,6-Dinitrotoluene	14.18	165	45693	2.677	ng/ul	92
48) Acenaphthylene	14.33	152	427973	3.483	ng/ul	99
49) 3-Nitroaniline	14.51	138	45250	2.150	ng/ul	92
50) Acenaphthene	14.67	153	283514	3.415	ng/ul	99
51) 2,4-Dinitrophenol	14.72	184	21077	1.999	ng/ul#	84
53) 4-Nitrophenol	14.80	109	37008	3.036	ng/ul#	45
54) Dibenzofuran	15.00	168	404282	3.482	ng/ul	97
55) 2,4-Dinitrotoluene	14.96	165	71299	2.842	ng/ul#	79
56) 2,3,4,6-Tetrachlorophenol	15.23	232	65662	2.947	ng/ul#	78
57) Diethylphthalate	15.41	149	327221	3.254	ng/ul	97
59) Fluorene	15.65	166	330575	3.397	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.64	204	158157	3.468	ng/ul	93
61) 4-Nitroaniline	15.67	138	53195m	2.360	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.72	198	48335	3.056	ng/ul#	84
65) N-Nitrosodiphenylamine	15.85	169	270339	3.345	ng/ul	99
66) 4-Bromophenyl-phenylether	16.53	248	89426	3.300	ng/ul	93
67) Hexachlorobenzene	16.65	284	101510	3.403	ng/ul#	93
68) Atrazine	16.80	200	80490	2.875	ng/ul	96
69) Pentachlorophenol	16.99	266	43127	2.252	ng/ul	94
70) Phenanthrene	17.39	178	519189	3.511	ng/ul	99
72) Anthracene	17.48	178	533299	3.515	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	122878	3.476	ng/uL	97
74) Pentachlorobenzene	14.92	250	125362	3.496	ng/uL	97
75) Carbazole	17.74	167	431756	3.335	ng/ul	100
76) Di-n-butylphthalate	18.30	149	514308	3.025	ng/ul	99
77) Fluoranthene	19.39	202	560805	3.687	ng/ul#	87
80) Pyrene	19.76	202	646443	3.683	ng/ul#	85
81) Butylbenzylphthalate	20.63	149	215122	2.665	ng/ul#	91
82) 3,3'-Dichlorobenzidine	21.42	252	136956	2.507	ng/ul#	98
83) Benzo(a)anthracene	21.49	228	578586	3.493	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.40	149	340170	2.744	ng/ul#	97
85) Chrysene	21.54	228	530527	3.533	ng/ul	99
87) Di-n-octyl phthalate	22.32	149	577464	2.835	ng/ul	100
88) Benzo(b)fluoranthene	23.16	252	537348	3.112	ng/ul#	95
89) Benzo(k)fluoranthene	23.20	252	538725	3.249	ng/ul#	96
91) Benzo(a)pyrene	23.77	252	534648	3.281	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	26.31	276	577022	3.219	ng/ul#	86
93) Dibenzo(a,h)anthracene	26.33	278	487318	3.206	ng/ul#	93
94) Benzo(g,h,i)perylene	27.06	276	491543m	3.386	ng/ul	

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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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