Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101816\
Data File : BB058642.D
Acq On : 18 Oct 2016 15:34
Operator : UM/SJ
Sample : MDL-06-S-ML
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_B
ClientSampleId : MDL-06-S-ML

Quant Time: Oct 19 12:27:30 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 19 12:01:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	533951	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.64	136	2020108	20.00	ng/ul	-0.02
35) Acenaphthene-d10	15.59	164	1145636	20.00	ng/ul	-0.02
61) Phenanthrene-d10	18.44	188	1906843	20.00	ng/ul	0.00
75) Chrysene-d12	22.81	240	1938794	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	1356632	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.67	96	79078	6.71	ng/uL	0.00
5) Phenol-d5	7.83	99	1282801	33.07	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.98	67	959627	36.93	ng/ul	0.00
9) 2-Chlorophenol-d4	8.22	132	1340265	33.31	ng/ul	0.00
13) 4-Methylphenol-d8	9.47	113	1059365	32.99	ng/ul	-0.02
19) Nitrobenzene-d5	9.91	128	697257	33.38	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.68	143	774267	34.45	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	11.26	165	1010797	31.73	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.78	131	1440439	37.56	ng/ul	0.00
43) Dimethylphthalate-d6	14.97	166	2724950	35.77	ng/ul	0.00
46) Acenaphthylene-d8	15.28	160	3279329	36.50	ng/ul	0.00
51) 4-Nitrophenol-d4	15.78	143	511021	29.21	ng/ul	-0.02
57) Fluorene-d10	16.63	176	2324517	37.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.74	200	549888	27.16	ng/ul	0.00
70) Anthracene-d10	18.54	188	2873083	33.69	ng/ul	0.00
76) Pyrene-d10	20.88	212	3255519	38.22	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.70	264	2213139	35.73	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.71	88	12266	1.05	ng/uL#	52
4) Benzaldehyde	7.75	77	76835	3.08	ng/ul#	77
6) Phenol	7.85	94	124126	3.23	ng/ul#	33
8) Bis(2-Chloroethyl)ether	8.08	93	113530	3.58	ng/ul#	83
10) 2-Chlorophenol	8.23	128	123914	3.24	ng/ul#	63
11) 2-Methylphenol	9.18	108	98565	3.19	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.27	45	228484	4.10	ng/ul#	86
14) Acetophenone	9.56	105	153250	3.26	ng/ul#	81
15) N-Nitroso-di-n-propylamine	9.56	70	99330	3.57	ng/ul#	56
16) 4-Methylphenol	9.52	108	106327	3.19	ng/ul	96
17) Hexachloroethane	9.85	117	61219	3.30	ng/ul#	58
20) Nitrobenzene	9.95	77	137418	3.50	ng/ul#	97
21) Isophorone	10.51	82	265795	3.51	ng/ul	97
23) 2-Nitrophenol	10.72	139	73617	3.14	ng/ul	97
24) 2,4-Dimethylphenol	10.80	107	129066	3.36	ng/ul	95
25) Bis(2-Chloroethoxy)methane	11.01	93	123556	3.39	ng/ul#	95
27) 2,4-Dichlorophenol	11.28	162	98384	3.08	ng/ul#	73
28) Naphthalene	11.70	128	335293	3.49	ng/ul	100
30) 4-Chloroaniline	11.80	127	131205	3.61	ng/ul	95
31) Hexachlorobutadiene	12.05	225	66557	3.05	ng/ul	98
32) Caprolactam	12.61	113	33172	2.86	ng/ul#	80
33) 4-Chloro-3-methylphenol	12.97	107	100833	3.17	ng/ul#	82
34) 2-Methylnaphthalene	13.36	142	221802	3.34	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.74	216	110103	3.13	ng/ul#	96
37) Hexachlorocyclopentadiene	13.74	237	41224	1.86	ng/ul	97
38) 2,4,6-Trichlorophenol	13.97	196	64441	3.02	ng/ul	96
39) 2,4,5-Trichlorophenol	14.05	196	65716	2.90	ng/ul	97
40) 1,1'-Biphenyl	14.38	154	261186	3.40	ng/ul	98
41) 2-Chloronaphthalene	14.42	162	199133	3.25	ng/ul#	89
42) 2-Nitroaniline	14.61	65	83965	3.57	ng/ul#	75
44) Dimethylphthalate	15.01	163	258158	3.39	ng/ul#	97
45) 2,6-Dinitrotoluene	15.13	165	61656	3.20	ng/ul	93
47) Acenaphthylene	15.30	152	327745	3.76	ng/ul	100
48) 3-Nitroaniline	14.61	138	75061	2.98	ng/ul#	49
49) Acenaphthene	15.67	153	194655	3.25	ng/ul	89
50) 2,4-Dinitrophenol	15.69	184	22038	1.61	ng/ul	95
52) 4-Nitrophenol	15.80	109	47714	3.35	ng/ul#	82
53) Dibenzofuran	15.99	168	281835	3.31	ng/ul#	81
54) 2,4-Dinitrotoluene	15.94	165	80262	2.99	ng/ul#	41
55) 2,3,4,6-Tetrachlorophenol	16.24	232	55674	2.81	ng/ul#	73
56) Diethylphthalate	16.44	149	291289	3.68	ng/ul	94
58) Fluorene	16.67	166	220108	3.17	ng/ul	94
59) 4-Chlorophenyl-phenylether	16.67	204	119162	3.20	ng/ul	99
60) 4-Nitroaniline	16.67	138	34013	1.71	ng/ul	85
63) 4,6-Dinitro-2-methylphenol	16.74	198	55282	2.73	ng/ul#	10
64) N-Nitrosodiphenylamine	16.88	169	192055	3.12	ng/ul	94
65) 4-Bromophenyl-phenylether	17.59	248	69036	2.83	ng/ul	98
66) Hexachlorobenzene	17.75	284	69320	2.83	ng/ul#	79
67) Atrazine	17.86	200	70876	3.02	ng/ul#	89
68) Pentachlorophenol	18.09	266	37190	2.15	ng/ul	96
69) Phenanthrene	18.48	178	330919	3.49	ng/ul	100
71) Anthracene	18.57	178	334585	3.45	ng/ul	100
72) Carbazole	18.84	167	270304	3.34	ng/ul	97
73) Di-n-butylphthalate	19.42	149	522449	3.95	ng/ul	98
74) Fluoranthene	20.54	202	323809	3.35	ng/ul#	94
77) Pyrene	20.90	202	382797	3.78	ng/ul	98
78) Butylbenzylphthalate	21.81	149	211146	3.22	ng/ul	88
79) 3,3'-Dichlorobenzidine	22.69	252	56839	1.66	ng/ul#	99
80) Benzo(a)anthracene	22.77	228	322951	3.27	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	22.69	149	284290	3.26	ng/ul#	97
82) Chrysene	22.85	228	302528	3.27	ng/ul	97
84) Di-n-octyl phthalate	22.69	149	284290	4.03	ng/ul#	55
85) Benzo(b)fluoranthene	24.93	252	254602	2.84	ng/ul#	99
86) Benzo(k)fluoranthene	24.98	252	241902	3.48	ng/ul#	98
88) Benzo(a)pyrene	25.74	252	235030	3.12	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	29.16	276	162965	2.47	ng/ul#	89
90) Dibenzo(a,h)anthracene	29.20	278	130860	2.39	ng/ul#	89
91) Benzo(g,h,i)perylene	30.16	276	134280	2.58	ng/ul#	91

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

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