Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\Data\BB101316\
Data File : BB058628.D
Acq On : 13 Oct 2016 12:07
Operator : UM/SJ
Sample : MDL-03-S
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_B
ClientSampleId : MDL-03-S

Quant Time: Oct 13 12:53:54 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 12:50:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	498969	20.00	ng/ul	0.02
18) Naphthalene-d8	11.62	136	1830799	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.57	164	1075999	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.42	188	1730371	20.00	ng/ul	0.00
75) Chrysene-d12	22.79	240	1846680	20.00	ng/ul	-0.02
83) Perylene-d12	25.87	264	1353397	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	82138	7.45	ng/uL	0.02
5) Phenol-d5	7.81	99	1134718	31.30	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.97	67	825633	34.00	ng/ul	0.02
9) 2-Chlorophenol-d4	8.20	132	1261406	33.55	ng/ul	0.02
13) 4-Methylphenol-d8	9.45	113	977113	32.56	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	647040	34.18	ng/ul	0.02
22) 2-Nitrophenol-d4	10.66	143	738990	36.28	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	11.24	165	996007	34.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.76	131	1322957	38.07	ng/ul	0.02
43) Dimethylphthalate-d6	14.96	166	2445037	34.18	ng/ul	0.00
46) Acenaphthylene-d8	15.26	160	3058012	36.24	ng/ul	0.00
51) 4-Nitrophenol-d4	15.76	143	498509	30.34	ng/ul	-0.02
57) Fluorene-d10	16.61	176	2202946	37.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.73	200	553397	30.12	ng/ul	0.00
70) Anthracene-d10	18.42	188	1730371	22.36	ng/ul	-0.12
76) Pyrene-d10	20.87	212	2961058	36.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.66	264	2236356	36.19	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	10958	1.00	ng/uL#	86
4) Benzaldehyde	7.74	77	67146	2.88	ng/ul	84
6) Phenol	7.83	94	107984	3.01	ng/ul#	29
8) Bis(2-Chloroethyl)ether	8.06	93	99389	3.35	ng/ul#	86
10) 2-Chlorophenol	8.22	128	116204	3.25	ng/ul#	73
11) 2-Methylphenol	9.16	108	91396	3.16	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	9.26	45	185299	3.55	ng/ul#	90
14) Acetophenone	9.55	105	140043	3.19	ng/ul#	78
15) N-Nitroso-di-n-propylamine	9.55	70	84380	3.25	ng/ul#	57
16) 4-Methylphenol	9.51	108	95758	3.07	ng/ul	99
17) Hexachloroethane	9.83	117	55451	3.20	ng/ul#	58
20) Nitrobenzene	9.93	77	116219	3.27	ng/ul#	93
21) Isophorone	10.49	82	231019	3.37	ng/ul	97
23) 2-Nitrophenol	10.70	139	73639	3.47	ng/ul#	88
24) 2,4-Dimethylphenol	10.78	107	114532	3.29	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.99	93	109716	3.32	ng/ul#	96
27) 2,4-Dichlorophenol	11.26	162	93915	3.25	ng/ul#	77
28) Naphthalene	11.68	128	303797	3.48	ng/ul	98
30) 4-Chloroaniline	11.78	127	124602	3.78	ng/ul	100
31) Hexachlorobutadiene	12.03	225	64374	3.26	ng/ul	99
32) Caprolactam	12.51	113	3388	0.32	ng/ul	91
33) 4-Chloro-3-methylphenol	12.95	107	94588	3.28	ng/ul	89
34) 2-Methylnaphthalene	13.34	142	204701	3.40	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	109225	3.31	ng/ul#	95
37) Hexachlorocyclopentadiene	13.74	237	41713	2.00	ng/ul	95
38) 2,4,6-Trichlorophenol	13.97	196	62760	3.13	ng/ul	98
39) 2,4,5-Trichlorophenol	14.03	196	66077	3.10	ng/ul	97
40) 1,1'-Biphenyl	14.38	154	245377	3.40	ng/ul#	96
41) 2-Chloronaphthalene	14.42	162	188897	3.29	ng/ul	98
42) 2-Nitroaniline	14.59	65	70281	3.18	ng/ul#	74
44) Dimethylphthalate	14.99	163	230286	3.22	ng/ul#	96
45) 2,6-Dinitrotoluene	15.11	165	58678	3.25	ng/ul	99
47) Acenaphthylene	15.28	152	301255	3.68	ng/ul	98
48) 3-Nitroaniline	14.61	138	69039	2.92	ng/ul#	34
49) Acenaphthene	15.65	153	191026	3.40	ng/ul	92
50) 2,4-Dinitrophenol	15.67	184	21415	1.66	ng/ul#	87
52) 4-Nitrophenol	15.78	109	41218	3.08	ng/ul#	75
53) Dibenzofuran	15.98	168	269113	3.36	ng/ul#	84
54) 2,4-Dinitrotoluene	15.92	165	77331	3.07	ng/ul#	46
55) 2,3,4,6-Tetrachlorophenol	16.23	232	54469	2.92	ng/ul#	71
56) Diethylphthalate	16.42	149	271645	3.66	ng/ul	96
58) Fluorene	16.67	166	211597	3.25	ng/ul	92
59) 4-Chlorophenyl-phenylether	16.65	204	117597	3.36	ng/ul	97
60) 4-Nitroaniline	16.65	138	34874	1.87	ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	16.73	198	46729	2.55	ng/ul#	1
64) N-Nitrosodiphenylamine	16.86	169	187004	3.35	ng/ul	96
65) 4-Bromophenyl-phenylether	17.57	248	71356	3.22	ng/ul	93
66) Hexachlorobenzene	17.73	284	68287	3.07	ng/ul#	78
67) Atrazine	17.84	200	66575	3.13	ng/ul	91
68) Pentachlorophenol	18.07	266	38086	2.42	ng/ul	100
69) Phenanthrene	18.46	178	305765	3.55	ng/ul	99
71) Anthracene	18.56	178	314423	3.57	ng/ul	99
72) Carbazole	18.83	167	257680	3.51	ng/ul	98
73) Di-n-butylphthalate	19.40	149	452123	3.77	ng/ul	98
74) Fluoranthene	20.52	202	331975	3.78	ng/ul	97
77) Pyrene	20.89	202	339123	3.51	ng/ul#	90
78) Butylbenzylphthalate	21.79	149	220630	3.53	ng/ul#	92
79) 3,3'-Dichlorobenzidine	22.68	252	59920	1.84	ng/ul#	96
80) Benzo(a)anthracene	22.77	228	310760	3.30	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	22.68	149	283219	3.41	ng/ul	100
82) Chrysene	22.83	228	304875	3.46	ng/ul	98
84) Di-n-octyl phthalate	22.68	149	283219	4.02	ng/ul#	52
85) Benzo(b)fluoranthene	24.91	252	260366	2.91	ng/ul	97
86) Benzo(k)fluoranthene	24.97	252	252796	3.65	ng/ul	98
88) Benzo(a)pyrene	25.72	252	229415	3.05	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	29.13	276	157412	2.40	ng/ul#	92
90) Dibenzo(a,h)anthracene	29.16	278	126388	2.32	ng/ul#	92
91) Benzo(g,h,i)perylene	30.13	276	130561	2.52	ng/ul#	94

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

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