Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\Data\BB101316\
Data File : BB058632.D
Acq On : 13 Oct 2016 14:50
Operator : UM/SJ
Sample : MDL-07-S
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_B
ClientSampleId : MDL-07-S

Quant Time: Oct 13 15:27:38 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	522316	20.00	ng/ul	0.02
18) Naphthalene-d8	11.62	136	1978405	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.59	164	1140681	20.00	ng/ul	0.02
61) Phenanthrene-d10	18.42	188	1814379	20.00	ng/ul	0.00
75) Chrysene-d12	22.79	240	1947043	20.00	ng/ul	-0.02
83) Perylene-d12	25.87	264	1413530	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.67	96	85035	7.37	ng/uL	0.04
5) Phenol-d5	7.81	99	1225156	32.29	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.97	67	883441	34.76	ng/ul	0.02
9) 2-Chlorophenol-d4	8.20	132	1326237	33.69	ng/ul	0.02
13) 4-Methylphenol-d8	9.45	113	1020243	32.48	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	676641	33.08	ng/ul	0.02
22) 2-Nitrophenol-d4	10.66	143	755724	34.33	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	11.24	165	1011343	32.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.76	131	1366299	36.38	ng/ul	0.02
43) Dimethylphthalate-d6	14.95	166	2525626	33.30	ng/ul	0.00
46) Acenaphthylene-d8	15.26	160	3158734	35.31	ng/ul	0.00
51) 4-Nitrophenol-d4	15.78	143	522823	30.01	ng/ul	0.00
57) Fluorene-d10	16.61	176	2228761	35.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.73	200	574418	29.82	ng/ul	0.00
70) Anthracene-d10	18.42	188	1814379	22.36	ng/ul	-0.12
76) Pyrene-d10	20.86	212	2972910	34.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.66	264	2253097	34.91	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.71	88	11159	0.98	ng/uL#	55
4) Benzaldehyde	7.75	77	70463	2.88	ng/ul	86
6) Phenol	7.85	94	123645	3.29	ng/ul#	73
8) Bis(2-Chloroethyl)ether	8.06	93	108468	3.50	ng/ul#	81
10) 2-Chlorophenol	8.24	128	125294	3.34	ng/ul	99
11) 2-Methylphenol	9.16	108	98065	3.24	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	9.26	45	211756	3.88	ng/ul#	86
14) Acetophenone	9.54	105	151330	3.29	ng/ul#	82
15) N-Nitroso-di-n-propylamine	9.54	70	91629	3.37	ng/ul#	54
16) 4-Methylphenol	9.51	108	102166	3.13	ng/ul	99
17) Hexachloroethane	9.83	117	60640	3.34	ng/ul#	53
20) Nitrobenzene	9.93	77	136074	3.54	ng/ul#	94
21) Isophorone	10.49	82	252970	3.41	ng/ul	95
23) 2-Nitrophenol	10.70	139	74158	3.23	ng/ul	92
24) 2,4-Dimethylphenol	10.78	107	124375	3.31	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.99	93	120236	3.37	ng/ul#	97
27) 2,4-Dichlorophenol	11.26	162	98488	3.15	ng/ul#	60
28) Naphthalene	11.68	128	325454	3.45	ng/ul	100
30) 4-Chloroaniline	11.78	127	128393	3.61	ng/ul	100
31) Hexachlorobutadiene	12.03	225	65923	3.09	ng/ul	98
32) Caprolactam	12.51	113	3751	0.33	ng/ul	95
33) 4-Chloro-3-methylphenol	12.95	107	102055	3.28	ng/ul	91
34) 2-Methylnaphthalene	13.34	142	215054	3.31	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	110752	3.16	ng/ul#	96
37) Hexachlorocyclopentadiene	13.72	237	43190	1.95	ng/ul#	92
38) 2,4,6-Trichlorophenol	13.97	196	65246	3.07	ng/ul	95
39) 2,4,5-Trichlorophenol	14.03	196	65395	2.90	ng/ul	96
40) 1,1'-Biphenyl	14.38	154	254835	3.33	ng/ul#	96
41) 2-Chloronaphthalene	14.42	162	199654	3.28	ng/ul	98
42) 2-Nitroaniline	14.59	65	75021	3.20	ng/ul#	76
44) Dimethylphthalate	14.99	163	249418	3.29	ng/ul#	98
45) 2,6-Dinitrotoluene	15.11	165	60410	3.15	ng/ul	90
47) Acenaphthylene	15.28	152	315942	3.64	ng/ul	99
48) 3-Nitroaniline	14.61	138	75993	3.03	ng/ul#	37
49) Acenaphthene	15.65	153	196860	3.31	ng/ul	92
50) 2,4-Dinitrophenol	15.67	184	23246	1.70	ng/ul#	82
52) 4-Nitrophenol	15.78	109	44164	3.12	ng/ul#	74
53) Dibenzofuran	15.99	168	277983	3.28	ng/ul	99
54) 2,4-Dinitrotoluene	15.92	165	81789	3.06	ng/ul#	35
55) 2,3,4,6-Tetrachlorophenol	16.22	232	58138	2.94	ng/ul#	71
56) Diethylphthalate	16.42	149	281722	3.58	ng/ul	94
58) Fluorene	16.67	166	217259	3.15	ng/ul	92
59) 4-Chlorophenyl-phenylether	16.65	204	123167	3.32	ng/ul	99
60) 4-Nitroaniline	16.73	138	998	0.05	ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	16.74	198	50446	2.62	ng/ul#	94
64) N-Nitrosodiphenylamine	16.86	169	195965	3.35	ng/ul	91
65) 4-Bromophenyl-phenylether	17.57	248	71727	3.09	ng/ul	92
66) Hexachlorobenzene	17.73	284	69188	2.97	ng/ul#	73
67) Atrazine	17.84	200	72274	3.24	ng/ul	94
68) Pentachlorophenol	18.07	266	40057	2.43	ng/ul	96
69) Phenanthrene	18.46	178	314338	3.48	ng/ul	99
71) Anthracene	18.55	178	323658	3.51	ng/ul	100
72) Carbazole	18.82	167	280279	3.64	ng/ul	97
73) Di-n-butylphthalate	19.40	149	483831	3.84	ng/ul#	98
74) Fluoranthene	20.52	202	345179	3.75	ng/ul	100
77) Pyrene	20.88	202	341423	3.36	ng/ul#	86
78) Butylbenzylphthalate	21.79	149	235277	3.57	ng/ul#	95
79) 3,3'-Dichlorobenzidine	22.67	252	60402	1.76	ng/ul#	97
80) Benzo(a)anthracene	22.77	228	319191	3.22	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	22.67	149	291702	3.33	ng/ul	100
82) Chrysene	22.83	228	310956	3.35	ng/ul	99
84) Di-n-octyl phthalate	22.67	149	291702	3.96	ng/ul#	44
85) Benzo(b)fluoranthene	24.91	252	265172	2.84	ng/ul	98
86) Benzo(k)fluoranthene	24.91	252	265172	3.66	ng/ul	97
88) Benzo(a)pyrene	25.72	252	239608	3.05	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	29.12	276	166455	2.42	ng/ul#	80
90) Dibenzo(a,h)anthracene	29.16	278	134044	2.35	ng/ul#	90
91) Benzo(g,h,i)perylene	30.13	276	138144	2.55	ng/ul#	91

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

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