Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\Data\BB101216\
Data File : BB058616.D
Acq On : 12 Oct 2016 12:11
Operator : UM/SJ
Sample : MDL-02-W
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_B
ClientSampleId : MDL-02-W

Quant Time: Oct 12 12:50:34 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	8.66	152	488323	20.00	ng/ul	0.00
18) Naphthalene-d8	11.62	136	1800241	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.57	164	1087919	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.52	188	2837418	20.00	ng/ul	0.09
75) Chrysene-d12	22.79	240	1949767	20.00	ng/ul	-0.02
83) Perylene-d12	25.87	264	1556001	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	80142	7.43	ng/uL	0.02
5) Phenol-d5	7.79	99	1151188	32.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.95	67	782769	32.94	ng/ul	0.00
9) 2-Chlorophenol-d4	8.18	132	1292384	35.12	ng/ul	0.00
13) 4-Methylphenol-d8	9.43	113	981094	33.41	ng/ul	-0.02
19) Nitrobenzene-d5	9.89	128	666801	35.82	ng/ul	0.02
22) 2-Nitrophenol-d4	10.66	143	763910	38.14	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	11.22	165	1025691	36.13	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.74	131	1348729	39.47	ng/ul	0.00
43) Dimethylphthalate-d6	14.95	166	2753108	38.06	ng/ul	0.00
46) Acenaphthylene-d8	15.26	160	3194281	37.44	ng/ul	0.00
51) 4-Nitrophenol-d4	15.76	143	521910	31.42	ng/ul	-0.02
57) Fluorene-d10	16.61	176	2261011	38.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.71	200	564999	18.75	ng/ul	-0.02
70) Anthracene-d10	18.52	188	2837418	22.36	ng/ul	-0.02
76) Pyrene-d10	20.86	212	3276726	38.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.68	264	2628157	36.99	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	9037	0.85	ng/uL#	67
4) Benzaldehyde	7.73	77	59249	2.59	ng/ul	93
6) Phenol	7.83	94	102090	2.90	ng/ul#	60
8) Bis(2-Chloroethyl)ether	8.04	93	92049	3.17	ng/ul#	86
10) 2-Chlorophenol	8.22	128	113428	3.24	ng/ul	98
11) 2-Methylphenol	9.14	108	83404	2.95	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.24	45	149287	2.93	ng/ul#	90
14) Acetophenone	9.53	105	132895	3.09	ng/ul#	77
15) N-Nitroso-di-n-propylamine	9.54	70	74555	2.93	ng/ul#	63
16) 4-Methylphenol	9.51	108	89507	2.93	ng/ul	98
17) Hexachloroethane	9.83	117	54613	3.22	ng/ul#	81
20) Nitrobenzene	9.93	77	110659	3.17	ng/ul#	87
21) Isophorone	10.49	82	211702	3.14	ng/ul#	93
23) 2-Nitrophenol	10.68	139	70331	3.37	ng/ul#	93
24) 2,4-Dimethylphenol	10.76	107	109542	3.20	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.99	93	101130	3.11	ng/ul#	93
27) 2,4-Dichlorophenol	11.26	162	97561	3.43	ng/ul#	92
28) Naphthalene	11.66	128	290759	3.39	ng/ul	98
30) 4-Chloroaniline	11.78	127	113406	3.50	ng/ul	100
31) Hexachlorobutadiene	12.01	225	66877	3.44	ng/ul	97
32) Caprolactam	12.59	113	27736	2.68	ng/ul	90
33) 4-Chloro-3-methylphenol	12.93	107	89441	3.16	ng/ul	95
34) 2-Methylnaphthalene	13.32	142	203279	3.44	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	112941	3.38 ng/ul	96
37) Hexachlorocyclopentadiene	13.72	237	45480	2.16 ng/ul	98
38) 2,4,6-Trichlorophenol	13.95	196	65685	3.24 ng/ul	96
39) 2,4,5-Trichlorophenol	14.03	196	64784	3.01 ng/ul	93
40) 1,1'-Biphenyl	14.36	154	244669	3.35 ng/ul#	96
41) 2-Chloronaphthalene	14.40	162	192192	3.31 ng/ul	98
42) 2-Nitroaniline	14.59	65	63476	2.84 ng/ul#	87
44) Dimethylphthalate	14.99	163	254909	3.52 ng/ul#	96
45) 2,6-Dinitrotoluene	15.11	165	60601	3.32 ng/ul#	82
47) Acenaphthylene	15.28	152	304576	3.68 ng/ul	98
48) 3-Nitroaniline	14.59	138	68475	2.86 ng/ul#	38
49) Acenaphthene	15.63	153	184629	3.25 ng/ul	95
50) 2,4-Dinitrophenol	15.65	184	22101	1.70 ng/ul#	1
52) 4-Nitrophenol	15.78	109	41138	3.04 ng/ul#	83
53) Dibenzofuran	15.97	168	287629	3.55 ng/ul	97
54) 2,4-Dinitrotoluene	15.92	165	85199	3.34 ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	16.23	232	60526	3.21 ng/ul#	93
56) Diethylphthalate	16.42	149	252634	3.36 ng/ul	97
58) Fluorene	16.65	166	215996	3.28 ng/ul	92
59) 4-Chlorophenyl-phenylether	16.63	204	110022	3.11 ng/ul#	78
60) 4-Nitroaniline	16.65	138	37390	1.98 ng/ul#	77
63) 4,6-Dinitro-2-methylphenol	16.73	198	57136	1.90 ng/ul#	69
64) N-Nitrosodiphenylamine	16.86	169	182995	2.00 ng/ul	95
65) 4-Bromophenyl-phenylether	17.73	248	1122	0.03 ng/ul#	23
66) Hexachlorobenzene	17.73	284	76610	2.10 ng/ul	95
67) Atrazine	17.84	200	69372	1.99 ng/ul#	89
68) Pentachlorophenol	18.07	266	38311	1.49 ng/ul	97
69) Phenanthrene	18.55	178	323056	2.29 ng/ul	98
71) Anthracene	18.55	178	323054	2.24 ng/ul	99
72) Carbazole	18.82	167	262794	2.18 ng/ul	98
73) Di-n-butylphthalate	19.40	149	481472	2.45 ng/ul	98
74) Fluoranthene	20.52	202	346947	2.41 ng/ul#	92
77) Pyrene	20.88	202	376904	3.70 ng/ul	99
78) Butylbenzylphthalate	21.79	149	210050	3.18 ng/ul	89
79) 3,3'-Dichlorobenzidine	22.67	252	69708	2.02 ng/ul	97
80) Benzo(a)anthracene	22.75	228	337467	3.40 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	22.67	149	284410	3.24 ng/ul#	97
82) Chrysene	22.83	228	314815	3.38 ng/ul	98
84) Di-n-octyl phthalate	22.67	149	284410	3.51 ng/ul#	57
85) Benzo(b)fluoranthene	24.91	252	293598	2.86 ng/ul	98
86) Benzo(k)fluoranthene	24.97	252	268525	3.37 ng/ul	97
88) Benzo(a)pyrene	25.72	252	264272	3.06 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.14	276	203299	2.69 ng/ul#	86
90) Dibenzo(a,h)anthracene	29.18	278	163782	2.61 ng/ul#	91
91) Benzo(g,h,i)perylene	30.14	276	164831	2.76 ng/ul	96

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

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