Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101816\
Data File : BB058637.D
Acq On : 18 Oct 2016 12:11
Operator : UM/SJ
Sample : MDL-01-S-ML
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-01-S-ML

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10/19/2016 1:46:45 PM

Quant Time: Oct 19 12:11:40 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	501475	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.64	136	1889061	20.00	ng/ul	-0.02
35) Acenaphthene-d10	15.59	164	1103963	20.00	ng/ul	-0.02
61) Phenanthrene-d10	18.44	188	1780723m	20.00	ng/ul	0.00
75) Chrysene-d12	22.79	240	1714700	20.00	ng/ul	-0.02
83) Perylene-d12	25.87	264	1342817	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.67	96	86147	7.78	ng/uL	0.00
5) Phenol-d5	7.83	99	1179681	32.38	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.97	67	886432	36.32	ng/ul	-0.02
9) 2-Chlorophenol-d4	8.22	132	1305326	34.54	ng/ul	0.00
13) 4-Methylphenol-d8	9.47	113	997308	33.07	ng/ul	-0.02
19) Nitrobenzene-d5	9.91	128	666079	34.10	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.68	143	750059	35.69	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	11.26	165	983139	33.01	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.78	131	1355579	37.80	ng/ul	0.00
43) Dimethylphthalate-d6	14.97	166	2747812	37.43	ng/ul	0.00
46) Acenaphthylene-d8	15.28	160	3125215	36.10	ng/ul	0.00
51) 4-Nitrophenol-d4	15.78	143	486535	28.86	ng/ul	-0.02
57) Fluorene-d10	16.61	176	2142887	35.64	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	16.73	200	518826	27.44	ng/ul	-0.02
70) Anthracene-d10	18.54	188	2761515	34.68	ng/ul	0.00
76) Pyrene-d10	20.88	212	3130306	41.55	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.68	264	2144231	34.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.71	88	7640	0.70	ng/uL#	1
4) Benzaldehyde	7.75	77	67264	2.87	ng/ul	94
6) Phenol	7.85	94	117057	3.24	ng/ul#	54
8) Bis(2-Chloroethyl)ether	8.06	93	103214	3.47	ng/ul#	76
10) 2-Chlorophenol	8.24	128	113231	3.15	ng/ul#	79
11) 2-Methylphenol	9.18	108	92316	3.18	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.28	45	202404	3.86	ng/ul#	88
14) Acetophenone	9.56	105	143720	3.26	ng/ul#	83
15) N-Nitroso-di-n-propylamine	9.56	70	88034	3.37	ng/ul#	55
16) 4-Methylphenol	9.53	108	97975	3.13	ng/ul	100
17) Hexachloroethane	9.85	117	58262	3.34	ng/ul#	65
20) Nitrobenzene	9.95	77	136782	3.73	ng/ul#	93
21) Isophorone	10.51	82	243142	3.44	ng/ul	98
23) 2-Nitrophenol	10.70	139	72734	3.32	ng/ul#	88
24) 2,4-Dimethylphenol	10.78	107	114803	3.20	ng/ul	96
25) Bis(2-Chloroethoxy)methane	11.01	93	115577	3.39	ng/ul#	95
27) 2,4-Dichlorophenol	11.28	162	94115	3.16	ng/ul#	88
28) Naphthalene	11.70	128	316881	3.52	ng/ul	99
30) 4-Chloroaniline	11.80	127	121363	3.57	ng/ul	97
31) Hexachlorobutadiene	12.05	225	64612	3.17	ng/ul	95
32) Caprolactam	12.61	113	27438	2.53	ng/ul	96
33) 4-Chloro-3-methylphenol	12.95	107	97594	3.28	ng/ul	96
34) 2-Methylnaphthalene	13.34	142	210771	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	13.74	216	110025	3.25	ng/ul#	97
37) Hexachlorocyclopentadiene	13.74	237	43678	2.04	ng/ul	99
38) 2,4,6-Trichlorophenol	13.97	196	61402	2.98	ng/ul	95
39) 2,4,5-Trichlorophenol	14.05	196	68317	3.12	ng/ul	96
40) 1,1'-Biphenyl	14.38	154	248079	3.35	ng/ul	99
41) 2-Chloronaphthalene	14.42	162	189871	3.22	ng/ul	93
42) 2-Nitroaniline	14.61	65	75260	3.32	ng/ul#	83
44) Dimethylphthalate	15.01	163	256151	3.49	ng/ul#	97
45) 2,6-Dinitrotoluene	15.13	165	53917	2.91	ng/ul	94
47) Acenaphthylene	15.30	152	300567	3.58	ng/ul	99
48) 3-Nitroaniline	14.61	138	70135	2.89	ng/ul#	43
49) Acenaphthene	15.65	153	189008	3.28	ng/ul	93
50) 2,4-Dinitrophenol	15.67	184	20448	1.55	ng/ul#	1
52) 4-Nitrophenol	15.80	109	41490	3.03	ng/ul	88
53) Dibenzofuran	15.99	168	269949	3.29	ng/ul#	87
54) 2,4-Dinitrotoluene	15.94	165	79998	3.09	ng/ul#	73
55) 2,3,4,6-Tetrachlorophenol	16.25	232	56637	2.96	ng/ul#	94
56) Diethylphthalate	16.42	149	259211	3.40	ng/ul#	91
58) Fluorene	16.67	166	217320	3.25	ng/ul	94
59) 4-Chlorophenyl-phenylether	16.65	204	109172	3.04	ng/ul#	79
60) 4-Nitroaniline	16.67	138	34446	1.80	ng/ul#	71
63) 4,6-Dinitro-2-methylphenol	16.75	198	54418	2.88	ng/ul#	79
64) N-Nitrosodiphenylamine	16.88	169	177716	3.09	ng/ul	94
65) 4-Bromophenyl-phenylether	17.59	248	66024m	2.90	ng/ul	
66) Hexachlorobenzene	17.75	284	68371	2.99	ng/ul	91
67) Atrazine	17.86	200	61620	2.82	ng/ul#	85
68) Pentachlorophenol	18.09	266	32656	2.02	ng/ul	98
69) Phenanthrene	18.48	178	298899m	3.37	ng/ul	
71) Anthracene	18.57	178	309698	3.42	ng/ul	99
72) Carbazole	18.82	167	248077m	3.28	ng/ul	
73) Di-n-butylphthalate	19.42	149	431957	3.50	ng/ul	98
74) Fluoranthene	20.52	202	308353	3.42	ng/ul#	89
77) Pyrene	20.90	202	374313	4.18	ng/ul#	94
78) Butylbenzylphthalate	21.79	149	176003	3.03	ng/ul#	76
79) 3,3'-Dichlorobenzidine	22.68	252	55499	1.83	ng/ul#	97
80) Benzo(a)anthracene	22.77	228	312747	3.58	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	22.68	149	249944	3.24	ng/ul#	95
82) Chrysene	22.83	228	276973	3.38	ng/ul	99
84) Di-n-octyl phthalate	22.68	149	249944	3.58	ng/ul#	12
85) Benzo(b)fluoranthene	24.91	252	275951	3.11	ng/ul#	98
86) Benzo(k)fluoranthene	24.97	252	205422	2.99	ng/ul#	97
88) Benzo(a)pyrene	25.74	252	225908	3.03	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.14	276	156232	2.40	ng/ul#	91
90) Dibenzo(a,h)anthracene	29.18	278	118892	2.20	ng/ul#	94
91) Benzo(g,h,i)perylene	30.15	276	128110	2.49	ng/ul#	91

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

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