Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101816\
Data File : BB058643.D
Acq On : 18 Oct 2016 16:15
Operator : UM/SJ
Sample : MDL-07-S-ML
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-07-S-ML

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Quant Time: Oct 19 12:29:52 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	585555	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.64	136	2261273	20.00	ng/ul	-0.02
35) Acenaphthene-d10	15.59	164	1275008	20.00	ng/ul	-0.02
61) Phenanthrene-d10	18.44	188	2084627	20.00	ng/ul	0.00
75) Chrysene-d12	22.81	240	2090403	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	1497737	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.67	96	94618	7.32	ng/uL	0.00
5) Phenol-d5	7.83	99	1389848	32.67	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.98	67	1032434	36.23	ng/ul	0.00
9) 2-Chlorophenol-d4	8.21	132	1454763	32.97	ng/ul	0.00
13) 4-Methylphenol-d8	9.47	113	1111686	31.57	ng/ul	-0.02
19) Nitrobenzene-d5	9.91	128	733066	31.35	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.68	143	817729	32.50	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	11.26	165	1068970	29.98	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.78	131	1510876	35.20	ng/ul	0.00
43) Dimethylphthalate-d6	14.97	166	2748824	32.42	ng/ul	0.00
46) Acenaphthylene-d8	15.28	160	3406216	34.07	ng/ul	0.00
51) 4-Nitrophenol-d4	15.78	143	557250	28.62	ng/ul	-0.02
57) Fluorene-d10	16.63	176	2458407	35.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.74	200	601806	27.19	ng/ul	0.00
70) Anthracene-d10	18.53	188	3099429m	33.24	ng/ul	0.00
76) Pyrene-d10	20.88	212	3443523	37.49	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.68	264	2292110	33.51	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.71	88	10758	0.84	ng/uL#	33
4) Benzaldehyde	7.75	77	77387	2.83	ng/ul#	77
6) Phenol	7.85	94	127456	3.02	ng/ul#	22
8) Bis(2-Chloroethyl)ether	8.08	93	116384	3.35	ng/ul#	84
10) 2-Chlorophenol	8.25	128	127012	3.02	ng/ul	98
11) 2-Methylphenol	9.18	108	98637	2.91	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.27	45	235791	3.85	ng/ul#	86
14) Acetophenone	9.56	105	154458	3.00	ng/ul#	79
15) N-Nitroso-di-n-propylamine	9.56	70	100933	3.31	ng/ul#	52
16) 4-Methylphenol	9.52	108	108029	2.95	ng/ul	100
17) Hexachloroethane	9.85	117	61814	3.04	ng/ul#	54
20) Nitrobenzene	9.95	77	140830	3.21	ng/ul#	94
21) Isophorone	10.51	82	267607	3.16	ng/ul#	94
23) 2-Nitrophenol	10.72	139	73455	2.80	ng/ul	98
24) 2,4-Dimethylphenol	10.79	107	129030	3.00	ng/ul	98
25) Bis(2-Chloroethoxy)methane	11.01	93	127421	3.12	ng/ul#	96
27) 2,4-Dichlorophenol	11.28	162	97741	2.74	ng/ul#	65
28) Naphthalene	11.70	128	333840	3.10	ng/ul	100
30) 4-Chloroaniline	11.80	127	131629	3.23	ng/ul	91
31) Hexachlorobutadiene	12.05	225	65251	2.67	ng/ul	97
32) Caprolactam	12.62	113	32262	2.49	ng/ul	93
33) 4-Chloro-3-methylphenol	12.97	107	103261	2.90	ng/ul	89
34) 2-Methylnaphthalene	13.35	142	213906	2.88	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.74	216	110077	2.81	ng/ul#	94
37) Hexachlorocyclopentadiene	13.74	237	42010	1.70	ng/ul	92
38) 2,4,6-Trichlorophenol	13.97	196	63190	2.66	ng/ul	96
39) 2,4,5-Trichlorophenol	14.05	196	65904	2.61	ng/ul	96
40) 1,1'-Biphenyl	14.38	154	261796	3.06	ng/ul#	97
41) 2-Chloronaphthalene	14.43	162	198668	2.92	ng/ul	98
42) 2-Nitroaniline	14.61	65	81055	3.10	ng/ul#	76
44) Dimethylphthalate	15.01	163	252133	2.97	ng/ul#	98
45) 2,6-Dinitrotoluene	15.13	165	60910	2.84	ng/ul	94
47) Acenaphthylene	15.30	152	326681	3.37	ng/ul	98
48) 3-Nitroaniline	14.61	138	73525	2.62	ng/ul#	50
49) Acenaphthene	15.67	153	200672	3.01	ng/ul	92
50) 2,4-Dinitrophenol	15.68	184	22048	1.44	ng/ul#	80
52) 4-Nitrophenol	15.80	109	47246	2.98	ng/ul#	74
53) Dibenzofuran	15.99	168	275604	2.91	ng/ul#	77
54) 2,4-Dinitrotoluene	15.93	165	79611	2.66	ng/ul#	38
55) 2,3,4,6-Tetrachlorophenol	16.24	232	55795	2.53	ng/ul#	68
56) Diethylphthalate	16.44	149	285483	3.24	ng/ul	94
58) Fluorene	16.69	166	218045	2.83	ng/ul	90
59) 4-Chlorophenyl-phenylether	16.67	204	116608	2.81	ng/ul	98
60) 4-Nitroaniline	16.67	138	42656	1.93	ng/ul#	90
63) 4,6-Dinitro-2-methylphenol	16.74	198	50792	2.30	ng/ul#	1
64) N-Nitrosodiphenylamine	16.88	169	193617	2.88	ng/ul	93
65) 4-Bromophenyl-phenylether	17.59	248	69708	2.61	ng/ul	96
66) Hexachlorobenzene	17.74	284	69998	2.62	ng/ul#	81
67) Atrazine	17.86	200	69303	2.71	ng/ul	91
68) Pentachlorophenol	18.09	266	35256	1.86	ng/ul	99
69) Phenanthrene	18.48	178	327703	3.16	ng/ul	99
71) Anthracene	18.57	178	337449	3.18	ng/ul	99
72) Carbazole	18.84	167	268590	3.03	ng/ul	97
73) Di-n-butylphthalate	19.42	149	505020	3.49	ng/ul	99
74) Fluoranthene	20.54	202	323425	3.06	ng/ul#	94
77) Pyrene	20.90	202	390667	3.58	ng/ul	98
78) Butylbenzylphthalate	21.81	149	188361	2.66	ng/ul#	84
79) 3,3'-Dichlorobenzidine	22.67	252	53032	1.44	ng/ul#	91
80) Benzo(a)anthracene	22.77	228	318834	3.00	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	22.69	149	273915	2.91	ng/ul#	97
82) Chrysene	22.85	228	292252	2.93	ng/ul	97
84) Di-n-octyl phthalate	22.69	149	273915	3.51	ng/ul#	62
85) Benzo(b)fluoranthene	24.91	252	261587	2.65	ng/ul#	92
86) Benzo(k)fluoranthene	24.98	252	230645	3.01	ng/ul#	96
88) Benzo(a)pyrene	25.73	252	225532	2.71	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	29.16	276	159204	2.19	ng/ul#	89
90) Dibenzo(a,h)anthracene	29.18	278	121207	2.01	ng/ul#	87
91) Benzo(g,h,i)perylene	30.16	276	128108	2.23	ng/ul#	92

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

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