Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101216\
Data File : BB058621.D
Acq On : 12 Oct 2016 18:10
Operator : UM/SJ
Sample : MDL-07-W
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 12 18:46:40 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 17:30:52 2016
Response via : Initial Calibration

Instrument :
BNA_B
ClientSampleId :
MDL-07-W

Manual Integrations APPROVED
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10/13/2016 11:12:41 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.76	152	525746	20.00	ng/ul	0.10
18) Naphthalene-d8	11.68	136	1954003	20.00	ng/ul	0.06
35) Acenaphthene-d10	15.61	164	1133554	20.00	ng/ul	0.04
61) Phenanthrene-d10	18.44	188	1815685	20.00	ng/ul	0.02
75) Chrysene-d12	22.81	240	1976695	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	1558586	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.69	96	53890	4.64	ng/uL	0.06
5) Phenol-d5	7.89	99	788236	20.64	ng/ul	0.10
7) Bis-(2-Chloroethyl)ether-d	8.02	67	569900	22.27	ng/ul	0.08
9) 2-Chlorophenol-d4	8.26	132	860082	21.71	ng/ul	0.08
13) 4-Methylphenol-d8	9.51	113	646735	20.46	ng/ul	0.06
19) Nitrobenzene-d5	9.97	128	438015	21.68	ng/ul	0.10
22) 2-Nitrophenol-d4	10.72	143	488483	22.47	ng/ul	0.08
26) 2,4-Dichlorophenol-d3	11.30	165	647951	21.03	ng/ul	0.06
29) 4-Chloroaniline-d4	11.82	131	885332	23.87	ng/ul	0.08
43) Dimethylphthalate-d6	14.99	166	1799251	23.87	ng/ul	0.04
46) Acenaphthylene-d8	15.30	160	2068261	23.27	ng/ul	0.04
51) 4-Nitrophenol-d4	15.80	143	314590	18.17	ng/ul	0.02
57) Fluorene-d10	16.63	176	1361315	22.05	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	16.75	200	325934	16.91	ng/ul	0.02
70) Anthracene-d10	18.56	188	1910226m	23.52	ng/ul	0.02
76) Pyrene-d10	20.89	212	2079796	23.95	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.68	264	1523706	21.41	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.73	88	7298	0.63	ng/uL#	64
4) Benzaldehyde	7.81	77	46353	1.88	ng/ul	84
6) Phenol	7.91	94	76900	2.03	ng/ul#	54
8) Bis(2-Chloroethyl)ether	8.12	93	69002	2.21	ng/ul#	80
10) 2-Chlorophenol	8.29	128	80993	2.15	ng/ul	90
11) 2-Methylphenol	9.24	108	62214	2.04	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	9.31	45	121901	2.22	ng/ul#	91
14) Acetophenone	9.60	105	93862	2.03	ng/ul#	67
15) N-Nitroso-di-n-propylamine	9.60	70	54706	2.00	ng/ul#	47
16) 4-Methylphenol	9.58	108	63339	1.93	ng/ul	98
17) Hexachloroethane	9.91	117	36245	1.98	ng/ul#	74
20) Nitrobenzene	10.01	77	80245	2.12	ng/ul#	90
21) Isophorone	10.57	82	149591	2.04	ng/ul#	89
23) 2-Nitrophenol	10.76	139	49703	2.19	ng/ul	95
24) 2,4-Dimethylphenol	10.84	107	76757	2.07	ng/ul	97
25) Bis(2-Chloroethoxy)methane	11.07	93	72541	2.06	ng/ul#	91
27) 2,4-Dichlorophenol	11.34	162	62083	2.01	ng/ul#	94
28) Naphthalene	11.74	128	208087	2.24	ng/ul	99
30) 4-Chloroaniline	11.84	127	79109	2.25	ng/ul	94
31) Hexachlorobutadiene	12.09	225	43509	2.06	ng/ul	96
32) Caprolactam	12.63	113	20203	1.80	ng/ul	94
33) 4-Chloro-3-methylphenol	12.99	107	62113	2.02	ng/ul	95
34) 2-Methylnaphthalene	13.38	142	140143	2.18	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.78	216	75073	2.16 ng/ul#	97
37) Hexachlorocyclopentadiene	13.78	237	23825	1.08 ng/ul	99
38) 2,4,6-Trichlorophenol	14.01	196	43580	2.06 ng/ul	95
39) 2,4,5-Trichlorophenol	14.09	196	43035	1.92 ng/ul	90
40) 1,1'-Biphenyl	14.42	154	170324	2.24 ng/ul#	98
41) 2-Chloronaphthalene	14.46	162	131444	2.17 ng/ul	95
42) 2-Nitroaniline	14.63	65	45315	1.95 ng/ul#	73
44) Dimethylphthalate	15.03	163	165809	2.20 ng/ul#	98
45) 2,6-Dinitrotoluene	15.15	165	39469	2.07 ng/ul	93
47) Acenaphthylene	15.32	152	204950	2.38 ng/ul	99
48) 3-Nitroaniline	14.65	138	45654	1.83 ng/ul#	34
49) Acenaphthene	15.67	153	129052	2.18 ng/ul	92
50) 2,4-Dinitrophenol	15.69	184	13437	0.99 ng/ul#	1
52) 4-Nitrophenol	15.80	109	25075	1.78 ng/ul#	39
53) Dibenzofuran	16.01	168	194553	2.31 ng/ul	95
54) 2,4-Dinitrotoluene	15.96	165	55428	2.09 ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	16.27	232	38273	1.95 ng/ul#	93
56) Diethylphthalate	16.44	149	175139	2.24 ng/ul#	93
58) Fluorene	16.69	166	148193	2.16 ng/ul	91
59) 4-Chlorophenyl-phenylether	16.67	204	72428	1.96 ng/ul#	74
60) 4-Nitroaniline	16.69	138	22337	1.14 ng/ul#	75
63) 4,6-Dinitro-2-methylphenol	16.77	198	30360	1.58 ng/ul#	84
64) N-Nitrosodiphenylamine	16.88	169	122618	2.09 ng/ul	95
65) 4-Bromophenyl-phenylether	17.59	248	45818	1.97 ng/ul#	83
66) Hexachlorobenzene	17.77	284	45441	1.95 ng/ul	91
67) Atrazine	17.86	200	47143	2.11 ng/ul	93
68) Pentachlorophenol	18.09	266	23664	1.43 ng/ul	97
69) Phenanthrene	18.48	178	208305	2.30 ng/ul	99
71) Anthracene	18.58	178	212394	2.30 ng/ul	99
72) Carbazole	18.84	167	180113	2.34 ng/ul#	97
73) Di-n-butylphthalate	19.42	149	319402	2.54 ng/ul	98
74) Fluoranthene	20.54	202	222896	2.42 ng/ul#	92
77) Pyrene	20.90	202	248967	2.41 ng/ul	96
78) Butylbenzylphthalate	21.81	149	126913	1.90 ng/ul#	82
79) 3,3'-Dichlorobenzidine	22.70	252	40325	1.15 ng/ul#	92
80) Benzo(a)anthracene	22.77	228	220945	2.20 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	22.70	149	178894	2.01 ng/ul#	94
82) Chrysene	22.85	228	195838	2.08 ng/ul	99
84) Di-n-octyl phthalate	22.70	149	178894	2.20 ng/ul#	59
85) Benzo(b)fluoranthene	24.91	252	181074m	1.76 ng/ul	
86) Benzo(k)fluoranthene	24.99	252	175426	2.20 ng/ul	97
88) Benzo(a)pyrene	25.74	252	158931	1.83 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.16	276	121426	1.60 ng/ul#	93
90) Dibenzo(a,h)anthracene	29.20	278	92556	1.47 ng/ul#	90
91) Benzo(g,h,i)perylene	30.17	276	103158	1.73 ng/ul#	94

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

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