Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101116\
Data File : BB058605.D
Acq On : 11 Oct 2016 13:02
Operator : UM/SJ
Sample : MDL-02-S
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-02-S

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Quant Time: Oct 11 14:30:25 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 14:09:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	490436	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.62	136	1838900	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.57	164	1088046	20.00	ng/ul	-0.02
61) Phenanthrene-d10	18.42	188	1807739m	20.00	ng/ul	-0.02
75) Chrysene-d12	22.79	240	1883688	20.00	ng/ul	-0.02
83) Perylene-d12	25.87	264	1507552	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.63	96	83687	7.73	ng/uL	0.00
5) Phenol-d5	7.79	99	1207748	33.90	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.95	67	820615	34.38	ng/ul	0.00
9) 2-Chlorophenol-d4	8.18	132	1323995	35.82	ng/ul	-0.02
13) 4-Methylphenol-d8	9.43	113	1003036	34.01	ng/ul	-0.02
19) Nitrobenzene-d5	9.87	128	675407	35.52	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.64	143	762171	37.25	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	11.22	165	1027138	35.42	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.74	131	1365800	39.13	ng/ul	-0.02
43) Dimethylphthalate-d6	14.95	166	2814833	38.91	ng/ul	-0.02
46) Acenaphthylene-d8	15.24	160	3144481	36.85	ng/ul	-0.02
51) 4-Nitrophenol-d4	15.76	143	525227	31.61	ng/ul	-0.04
57) Fluorene-d10	16.61	176	2230628	37.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.71	200	543813	28.33	ng/ul	-0.04
70) Anthracene-d10	18.52	188	2905758	35.94	ng/ul	-0.02
76) Pyrene-d10	20.87	212	3215474	38.85	ng/ul	-0.02
87) Benzo(a)pyrene-d12	25.68	264	2524939	36.68	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.67	88	11588	1.08	ng/uL#	72
4) Benzaldehyde	7.72	77	61985	2.70	ng/ul	85
6) Phenol	7.81	94	109796	3.11	ng/ul#	12
8) Bis(2-Chloroethyl)ether	8.04	93	91492	3.14	ng/ul	89
10) 2-Chlorophenol	8.20	128	115735	3.29	ng/ul#	71
11) 2-Methylphenol	9.14	108	87357	3.08	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	9.24	45	163553	3.19	ng/ul#	89
14) Acetophenone	9.53	105	137386	3.18	ng/ul#	79
15) N-Nitroso-di-n-propylamine	9.53	70	78416	3.07	ng/ul#	53
16) 4-Methylphenol	9.49	108	93399	3.05	ng/ul	98
17) Hexachloroethane	9.81	117	50514	2.96	ng/ul#	66
20) Nitrobenzene	9.91	77	117546	3.29	ng/ul#	97
21) Isophorone	10.49	82	212776	3.09	ng/ul#	91
23) 2-Nitrophenol	10.68	139	71338	3.34	ng/ul	92
24) 2,4-Dimethylphenol	10.76	107	111811	3.20	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.99	93	107149	3.23	ng/ul#	93
27) 2,4-Dichlorophenol	11.26	162	96498	3.32	ng/ul#	93
28) Naphthalene	11.66	128	300215	3.43	ng/ul	99
30) 4-Chloroaniline	11.76	127	115800	3.50	ng/ul#	88
31) Hexachlorobutadiene	12.01	225	67158	3.39	ng/ul	94
32) Caprolactam	12.59	113	28163	2.67	ng/ul	88
33) 4-Chloro-3-methylphenol	12.93	107	90707	3.13	ng/ul	97
34) 2-Methylnaphthalene	13.32	142	206328	3.42	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	108741	3.25	ng/ul	97
37) Hexachlorocyclopentadiene	13.72	237	44150	2.09	ng/ul	98
38) 2,4,6-Trichlorophenol	13.95	196	67264	3.31	ng/ul	99
39) 2,4,5-Trichlorophenol	14.03	196	66551	3.09	ng/ul	97
40) 1,1'-Biphenyl	14.36	154	249074	3.41	ng/ul#	98
41) 2-Chloronaphthalene	14.40	162	190481	3.28	ng/ul	96
42) 2-Nitroaniline	14.59	65	65942	2.95	ng/ul#	90
44) Dimethylphthalate	14.99	163	250425	3.46	ng/ul#	97
45) 2,6-Dinitrotoluene	15.11	165	57580	3.15	ng/ul#	86
47) Acenaphthylene	15.28	152	295737	3.57	ng/ul	100
48) 3-Nitroaniline	14.59	138	68029	2.84	ng/ul#	42
49) Acenaphthene	15.63	153	186452	3.28	ng/ul	92
50) 2,4-Dinitrophenol	15.65	184	20458	1.57	ng/ul#	1
52) 4-Nitrophenol	15.78	109	40870	3.02	ng/ul#	81
53) Dibenzofuran	15.97	168	277680	3.43	ng/ul	93
54) 2,4-Dinitrotoluene	15.92	165	78217	3.07	ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	16.23	232	61350	3.26	ng/ul#	93
56) Diethylphthalate	16.42	149	262456	3.50	ng/ul	95
58) Fluorene	16.65	166	213678	3.24	ng/ul	90
59) 4-Chlorophenyl-phenylether	16.65	204	111684	3.16	ng/ul	94
60) 4-Nitroaniline	16.65	138	37868	2.01	ng/ul#	74
63) 4,6-Dinitro-2-methylphenol	16.73	198	55765	2.91	ng/ul#	72
64) N-Nitrosodiphenylamine	16.86	169	189851	3.25	ng/ul	92
65) 4-Bromophenyl-phenylether	17.57	248	68719	2.97	ng/ul	91
66) Hexachlorobenzene	17.73	284	75238	3.24	ng/ul	95
67) Atrazine	17.84	200	68033	3.06	ng/ul#	86
68) Pentachlorophenol	18.07	266	37346	2.27	ng/ul	96
69) Phenanthrene	18.46	178	309844m	3.44	ng/ul	
71) Anthracene	18.55	178	326420	3.55	ng/ul	99
72) Carbazole	18.82	167	260194	3.39	ng/ul	97
73) Di-n-butylphthalate	19.40	149	482848	3.85	ng/ul	99
74) Fluoranthene	20.52	202	334680	3.65	ng/ul#	93
77) Pyrene	20.88	202	359503	3.65	ng/ul#	95
78) Butylbenzylphthalate	21.79	149	221366	3.47	ng/ul#	91
79) 3,3'-Dichlorobenzidine	22.67	252	69380	2.08	ng/ul	98
80) Benzo(a)anthracene	22.77	228	325514	3.39	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	22.67	149	278314	3.28	ng/ul	100
82) Chrysene	22.83	228	309931	3.45	ng/ul	99
84) Di-n-octyl phthalate	22.67	149	278314	3.55	ng/ul#	44
85) Benzo(b)fluoranthene	24.91	252	274401	2.76	ng/ul	99
86) Benzo(k)fluoranthene	24.97	252	280981m	3.64	ng/ul	
88) Benzo(a)pyrene	25.74	252	250928	2.99	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.16	276	195105	2.67	ng/ul#	92
90) Dibenzo(a,h)anthracene	29.20	278	155357	2.56	ng/ul#	91
91) Benzo(g,h,i)perylene	30.16	276	160209	2.77	ng/ul#	92

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

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