Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101316\
Data File : BB058631.D
Acq On : 13 Oct 2016 14:09
Operator : UM/SJ
Sample : MDL-06-S
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-06-S

Manual Integrations APPROVED
sohil
10/13/2016 4:36:34 PM

Quant Time: Oct 13 15:21:55 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	8.68	152	500773	20.00	ng/ul	0.02
18) Naphthalene-d8	11.62	136	1874562	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.59	164	1113337	20.00	ng/ul	0.02
61) Phenanthrene-d10	18.42	188	1780440	20.00	ng/ul	0.00
75) Chrysene-d12	22.79	240	1886245	20.00	ng/ul	-0.02
83) Perylene-d12	25.87	264	1377109	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.67	96	77464	7.01	ng/uL	0.04
5) Phenol-d5	7.81	99	1123738	30.89	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.96	67	819739	33.64	ng/ul	0.02
9) 2-Chlorophenol-d4	8.19	132	1228428	32.55	ng/ul	0.02
13) 4-Methylphenol-d8	9.45	113	932285	30.96	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	626954	32.35	ng/ul	0.02
22) 2-Nitrophenol-d4	10.66	143	706424	33.87	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	11.24	165	936497	31.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.76	131	1282722	36.05	ng/ul	0.02
43) Dimethylphthalate-d6	14.95	166	2424773	32.76	ng/ul	0.00
46) Acenaphthylene-d8	15.26	160	2940017	33.68	ng/ul	0.00
51) 4-Nitrophenol-d4	15.78	143	485551	28.56	ng/ul	0.00
57) Fluorene-d10	16.61	176	2078100	34.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.72	200	530512	28.06	ng/ul	0.00
70) Anthracene-d10	18.53	188	2831357m	35.56	ng/ul	0.00
76) Pyrene-d10	20.86	212	2893164	34.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.66	264	2140111	34.03	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.71	88	11120	1.01	ng/uL#	75
4) Benzaldehyde	7.75	77	59135	2.52	ng/ul	89
6) Phenol	7.85	94	107920	2.99	ng/ul#	70
8) Bis(2-Chloroethyl)ether	8.06	93	96500	3.24	ng/ul	88
10) 2-Chlorophenol	8.23	128	108973	3.03	ng/ul	98
11) 2-Methylphenol	9.16	108	85860	2.96	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	9.25	45	183214	3.50	ng/ul#	87
14) Acetophenone	9.54	105	133080	3.02	ng/ul#	78
15) N-Nitroso-di-n-propylamine	9.54	70	78550	3.01	ng/ul#	45
16) 4-Methylphenol	9.50	108	87191	2.79	ng/ul	94
17) Hexachloroethane	9.83	117	53036	3.05	ng/ul#	52
20) Nitrobenzene	9.93	77	115503	3.17	ng/ul#	95
21) Isophorone	10.49	82	221005	3.15	ng/ul	96
23) 2-Nitrophenol	10.70	139	68323	3.14	ng/ul	89
24) 2,4-Dimethylphenol	10.77	107	110435	3.10	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.99	93	108297	3.20	ng/ul#	95
27) 2,4-Dichlorophenol	11.26	162	88261	2.98	ng/ul#	62
28) Naphthalene	11.68	128	290752	3.26	ng/ul	100
30) 4-Chloroaniline	11.78	127	111913	3.32	ng/ul	97
31) Hexachlorobutadiene	12.03	225	58199	2.88	ng/ul	97
32) Caprolactam	12.58	113	27250	2.53	ng/ul#	77
33) 4-Chloro-3-methylphenol	12.95	107	90227	3.06	ng/ul	91
34) 2-Methylnaphthalene	13.34	142	197346	3.20	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	99054	2.90	ng/ul#	95
37) Hexachlorocyclopentadiene	13.74	237	36850	1.71	ng/ul	96
38) 2,4,6-Trichlorophenol	13.97	196	57170	2.75	ng/ul	98
39) 2,4,5-Trichlorophenol	14.03	196	62479	2.83	ng/ul	93
40) 1,1'-Biphenyl	14.38	154	224824	3.01	ng/ul#	98
41) 2-Chloronaphthalene	14.41	162	178443	3.00	ng/ul	99
42) 2-Nitroaniline	14.59	65	67631	2.96	ng/ul#	73
44) Dimethylphthalate	15.01	163	225359	3.04	ng/ul#	94
45) 2,6-Dinitrotoluene	15.11	165	52759	2.82	ng/ul	91
47) Acenaphthylene	15.28	152	276377	3.26	ng/ul	99
48) 3-Nitroaniline	14.61	138	65426	2.67	ng/ul#	38
49) Acenaphthene	15.65	153	178855	3.08	ng/ul	94
50) 2,4-Dinitrophenol	15.66	184	19975	1.50	ng/ul#	71
52) 4-Nitrophenol	15.78	109	39259	2.84	ng/ul#	70
53) Dibenzofuran	15.99	168	248276	3.00	ng/ul	98
54) 2,4-Dinitrotoluene	15.93	165	71094	2.73	ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	16.22	232	49098	2.55	ng/ul#	63
56) Diethylphthalate	16.42	149	253125	3.29	ng/ul	94
58) Fluorene	16.67	166	197448	2.93	ng/ul	92
59) 4-Chlorophenyl-phenylether	16.65	204	108556	3.00	ng/ul	95
60) 4-Nitroaniline	16.65	138	40226m	2.08	ng/ul	
63) 4,6-Dinitro-2-methylphenol	16.72	198	43842	2.32	ng/ul#	1
64) N-Nitrosodiphenylamine	16.86	169	177625	3.09	ng/ul	93
65) 4-Bromophenyl-phenylether	17.57	248	64406	2.83	ng/ul#	86
66) Hexachlorobenzene	17.73	284	60573	2.65	ng/ul#	61
67) Atrazine	17.84	200	62076	2.84	ng/ul	96
68) Pentachlorophenol	18.07	266	32682	2.02	ng/ul	98
69) Phenanthrene	18.46	178	283496	3.20	ng/ul	99
71) Anthracene	18.55	178	285590	3.15	ng/ul	100
72) Carbazole	18.82	167	247494	3.27	ng/ul#	97
73) Di-n-butylphthalate	19.40	149	438057	3.55	ng/ul	97
74) Fluoranthene	20.52	202	314310	3.48	ng/ul	100
77) Pyrene	20.88	202	314541	3.19	ng/ul#	85
78) Butylbenzylphthalate	21.79	149	201869	3.16	ng/ul#	95
79) 3,3'-Dichlorobenzidine	22.67	252	60897	1.83	ng/ul	99
80) Benzo(a)anthracene	22.77	228	306263	3.19	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	22.67	149	254754	3.00	ng/ul	99
82) Chrysene	22.83	228	260183	2.89	ng/ul	98
84) Di-n-octyl phthalate	22.67	149	254754	3.55	ng/ul#	36
85) Benzo(b)fluoranthene	24.91	252	228239	2.51	ng/ul	98
86) Benzo(k)fluoranthene	24.96	252	236607m	3.36	ng/ul	
88) Benzo(a)pyrene	25.72	252	210204	2.75	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.12	276	149563	2.24	ng/ul#	92
90) Dibenzo(a,h)anthracene	29.16	278	118234	2.13	ng/ul#	87
91) Benzo(g,h,i)perylene	30.12	276	118944	2.25	ng/ul#	91

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

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