Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081715\
Data File : BG018446.D
Acq On : 17 Aug 2015 10:25
Operator : UM/MA
Sample : MDL-01-S
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-01-S

Manual Integrations APPROVED
MMDadoda
8/18/2015 5:20:39 PM

Quant Time: Aug 18 01:46:35 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 01:30:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	98324	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	445518	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	297622	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	777232	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	793724	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	774954	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	11163	5.02	ng/uL	0.00
5) Phenol-d5	7.17	99	247790	27.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	153952	27.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	185142	27.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	211656	28.23	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	103116	29.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	106207	30.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	201945	26.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	297186	35.03	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	749155	29.92	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	885049	28.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	147787	32.81	ng/ul	0.00
58) Fluorene-d10	15.63	176	651113	29.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	106451	27.84	ng/ul	0.00
71) Anthracene-d10	17.49	188	1077505	28.99	ng/ul	0.00
79) Pyrene-d10	19.76	212	1184890	28.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	1230265	29.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	1368	0.57	ng/uL#	77
4) Benzaldehyde	7.15	77	14761	2.82	ng/ul	92
6) Phenol	7.20	94	21463	2.36	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.43	93	17915	2.56	ng/ul	96
10) 2-Chlorophenol	7.58	128	15485	2.22	ng/ul#	84
11) 2-Methylphenol	8.45	108	15975	2.26	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.54	45	23333	2.08	ng/ul	97
14) Acetophenone	8.84	105	28161	2.60	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.82	70	15985	2.57	ng/ul#	82
16) 4-Methylphenol	8.78	108	17618	2.29	ng/ul	88
17) Hexachloroethane	9.10	117	7252	2.42	ng/ul	90
20) Nitrobenzene	9.22	77	20483	2.34	ng/ul#	94
21) Isophorone	9.74	82	44223	2.62	ng/ul#	94
23) 2-Nitrophenol	9.93	139	10029	2.55	ng/ul#	84
24) 2,4-Dimethylphenol	9.99	107	19700	2.24	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.22	93	25282	2.41	ng/ul	96
27) 2,4-Dichlorophenol	10.46	162	16519	2.35	ng/ul#	81
28) Naphthalene	10.87	128	56097	2.38	ng/ul#	95
30) 4-Chloroaniline	10.98	127	26518	3.07	ng/ul	95
31) Hexachlorobutadiene	11.16	225	9484	2.14	ng/ul#	86
32) Caprolactam	11.74	113	8245m	2.91	ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	20429	2.51	ng/ul	91
34) 2-Methylnaphthalene	12.47	142	42803	2.51	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	22692	2.38 ng/ul#	94
38) Hexachlorocyclopentadiene	12.83	237	10916	1.92 ng/ul#	96
39) 2,4,6-Trichlorophenol	13.08	196	14805	2.28 ng/ul	85
40) 2,4,5-Trichlorophenol	13.15	196	14942	2.14 ng/ul	94
41) 1,1'-Biphenyl	13.48	154	59163	2.38 ng/ul	93
42) 2-Chloronaphthalene	13.52	162	45832	2.38 ng/ul	98
43) 2-Nitroaniline	13.71	65	14978	2.40 ng/ul	96
45) Dimethylphthalate	14.09	163	61726	2.50 ng/ul#	92
46) 2,6-Dinitrotoluene	14.21	165	11585	2.36 ng/ul#	84
48) Acenaphthylene	14.37	152	80021	2.53 ng/ul	97
49) 3-Nitroaniline	14.54	138	14154	2.82 ng/ul#	96
50) Acenaphthene	14.71	153	53572	2.41 ng/ul	97
51) 2,4-Dinitrophenol	14.74	184	4160	1.73 ng/ul#	82
53) 4-Nitrophenol	14.84	109	9675	2.47 ng/ul#	78
54) Dibenzofuran	15.04	168	77491	2.67 ng/ul	96
55) 2,4-Dinitrotoluene	14.99	165	17846	2.54 ng/ul#	85
56) 2,3,4,6-Tetrachlorophenol	15.26	232	12576	2.07 ng/ul#	87
57) Diethylphthalate	15.45	149	70900	2.70 ng/ul	97
59) Fluorene	15.69	166	65626	2.63 ng/ul	90
60) 4-Chlorophenyl-phenylether	15.68	204	30423	2.58 ng/ul#	93
61) 4-Nitroaniline	15.69	138	16207	2.92 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.75	198	10079	2.47 ng/ul#	23
65) N-Nitrosodiphenylamine	15.89	169	53957	2.31 ng/ul	96
66) 4-Bromophenyl-phenylether	16.57	248	19822	2.36 ng/ul	84
67) Hexachlorobenzene	16.69	284	20682	2.33 ng/ul	99
68) Atrazine	16.83	200	23534	2.69 ng/ul#	93
69) Pentachlorophenol	17.04	266	9513	1.60 ng/ul	91
70) Phenanthrene	17.43	178	112172	2.66 ng/ul	95
72) Anthracene	17.51	178	110662	2.58 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.45	216	20731	1.93 ng/uL	89
74) Pentachlorobenzene	14.96	250	21826	2.13 ng/uL	91
75) Carbazole	17.78	167	107574	2.86 ng/ul	96
76) Di-n-butylphthalate	18.34	149	134252	2.73 ng/ul	97
77) Fluoranthene	19.43	202	137221	3.05 ng/ul	98
80) Pyrene	19.79	202	141008	2.63 ng/ul	95
81) Butylbenzylphthalate	20.68	149	55039	2.42 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.54	252	44545	2.70 ng/ul	97
83) Benzo(a)anthracene	21.63	228	126067	2.56 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.54	149	81038	2.53 ng/ul	100
85) Chrysene	21.69	228	116240	2.53 ng/ul	96
87) Di-n-octyl phthalate	22.74	149	135945	2.72 ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	125673	2.58 ng/ul	97
89) Benzo(k)fluoranthene	23.89	252	115495	2.46 ng/ul	97
91) Benzo(a)pyrene	24.69	252	116122	2.51 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.47	276	131083m	2.45 ng/ul	
93) Dibenzo(a,h)anthracene	28.54	278	106873	2.40 ng/ul#	90
94) Benzo(g,h,i)perylene	29.61	276	108523m	2.41 ng/ul	

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

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