Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018061.D
Acq On : 23 Jul 2015 13:17
Operator : TP/UM
Sample : SSTD01026
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD01026

Quant Time: Jul 23 15:17:20 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 23 15:09:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	42896	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	203057	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	139273	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	331982	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	364385	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	345285	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	2925	9.43	ng/uL	0.00
5) Phenol-d5	6.70	99	31858	9.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	16770	10.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	28759	9.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	28851	10.21	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	16563	10.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	17184	9.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	30212	9.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	31457	9.37	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	104175	10.24	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	124388	10.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	20875	11.26	ng/ul	0.00
58) Fluorene-d10	15.18	176	95414	10.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	18973	12.56	ng/ul	0.00
71) Anthracene-d10	17.03	188	153267	10.71	ng/ul	0.00
79) Pyrene-d10	19.34	212	176020	11.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	170499	10.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	3599	10.82	ng/uL	97
4) Benzaldehyde	6.66	77	18123	10.63	ng/ul	91
6) Phenol	6.72	94	32671	9.78	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.95	93	25520	10.25	ng/ul	98
10) 2-Chlorophenol	7.08	128	29456	10.37	ng/ul#	93
11) 2-Methylphenol	7.97	108	28057	10.61	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.05	45	27858	10.58	ng/ul	96
14) Acetophenone	8.33	105	42639	10.69	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.32	70	23067	10.19	ng/ul	97
16) 4-Methylphenol	8.29	108	30576	10.32	ng/ul	95
17) Hexachloroethane	8.58	117	11493	10.12	ng/ul	98
20) Nitrobenzene	8.71	77	29336	9.60	ng/ul	96
21) Isophorone	9.23	82	64590	9.48	ng/ul	99
23) 2-Nitrophenol	9.42	139	18758	9.27	ng/ul	94
24) 2,4-Dimethylphenol	9.49	107	33366	10.17	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.72	93	36150	10.09	ng/ul	97
27) 2,4-Dichlorophenol	9.95	162	29064	9.66	ng/ul	95
28) Naphthalene	10.35	128	101274	10.75	ng/ul	98
30) 4-Chloroaniline	10.46	127	32059	9.23	ng/ul	92
31) Hexachlorobutadiene	10.63	225	17584	10.66	ng/ul	96
32) Caprolactam	11.21	113	15005	11.47	ng/ul	91
33) 4-Chloro-3-methylphenol	11.60	107	32692	9.91	ng/ul	97
34) 2-Methylnaphthalene	11.97	142	75566	10.42	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.20	142	74082	10.54	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.35	216	36422	10.20	ng/ul	96
38) Hexachlorocyclopentadiene	12.33	237	17549	9.31	ng/ul	92
39) 2,4,6-Trichlorophenol	12.60	196	24459	9.48	ng/ul	99
40) 2,4,5-Trichlorophenol	12.67	196	26493	9.38	ng/ul	97
41) 1,1'-Biphenyl	13.01	154	100039	10.41	ng/ul	99
42) 2-Chloronaphthalene	13.04	162	77604	10.33	ng/ul	97
43) 2-Nitroaniline	13.26	65	20275	10.20	ng/ul	97
45) Dimethylphthalate	13.65	163	104167	10.29	ng/ul	98
46) 2,6-Dinitrotoluene	13.77	165	23704	10.58	ng/ul	95
48) Acenaphthylene	13.90	152	132819	10.43	ng/ul	100
49) 3-Nitroaniline	14.09	138	19486	9.82	ng/ul	92
50) Acenaphthene	14.25	153	86772	10.42	ng/ul	98
51) 2,4-Dinitrophenol	14.31	184	8604	14.32	ng/ul#	91
53) 4-Nitrophenol	14.41	109	13848	11.33	ng/ul	94
54) Dibenzofuran	14.58	168	125764	10.65	ng/ul	100
55) 2,4-Dinitrotoluene	14.56	165	34173	10.91	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.82	232	23600	11.17	ng/ul	99
57) Diethylphthalate	15.02	149	109969	10.61	ng/ul	97
59) Fluorene	15.23	166	107963	10.68	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.24	204	53146	10.69	ng/ul	97
61) 4-Nitroaniline	15.26	138	25857	10.83	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.32	198	20347	12.98	ng/ul	99
65) N-Nitrosodiphenylamine	15.45	169	92578	9.96	ng/ul	98
66) 4-Bromophenyl-phenylether	16.13	248	33115	10.10	ng/ul	96
67) Hexachlorobenzene	16.24	284	36289	10.05	ng/ul	99
68) Atrazine	16.42	200	37597	11.53	ng/ul	95
69) Pentachlorophenol	16.59	266	16686	12.47	ng/ul	87
70) Phenanthrene	16.98	178	177133	10.51	ng/ul	99
72) Anthracene	17.07	178	181656	10.68	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.97	216	37203	9.76	ng/uL	96
74) Pentachlorobenzene	14.50	250	39204	9.77	ng/uL	97
75) Carbazole	17.34	167	167295	11.63	ng/ul	99
76) Di-n-butylphthalate	17.93	149	212070	11.86	ng/ul	99
77) Fluoranthene	19.01	202	211436	12.35	ng/ul	98
80) Pyrene	19.37	202	223767	11.38	ng/ul	99
81) Butylbenzylphthalate	20.29	149	85587	10.43	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.07	252	54343	9.85	ng/ul	99
83) Benzo(a)anthracene	21.13	228	205810	10.86	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	127696	10.67	ng/ul#	95
85) Chrysene	21.18	228	194566	10.89	ng/ul	98
87) Di-n-octyl phthalate	21.94	149	210808	11.49	ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	195892	10.54	ng/ul	97
89) Benzo(k)fluoranthene	22.72	252	193934	10.87	ng/ul	99
91) Benzo(a)pyrene	23.24	252	190553	10.57	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.55	276	215522	10.20	ng/ul	97
93) Dibenzo(a,h)anthracene	25.57	278	185208	10.26	ng/ul	96
94) Benzo(g,h,i)perylene	26.23	276	178214	10.07	ng/ul	99

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

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