Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100415\
Data File : BG019001.D
Acq On : 4 Oct 2015 12:45
Operator : UM/NP
Sample : SSTD01026
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD01026

Quant Time: Oct 05 00:46:56 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 05 00:45:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	30282	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	130703	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	79507	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	193420	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	237520	20.00	ng/ul	0.00
86) Perylene-d12	24.90	264	223491	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	3113	5.21	ng/uL	0.00
5) Phenol-d5	7.20	99	28748	11.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	19755	11.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	22021	11.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	23251	11.45	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	10822	11.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	10775	10.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	22303	11.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	27767	11.47	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	71358	11.68	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	89053	11.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	13648	11.20	ng/ul	0.00
58) Fluorene-d10	15.66	176	65860	11.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	9022	9.35	ng/ul	0.00
71) Anthracene-d10	17.51	188	105788	11.98	ng/ul	0.00
79) Pyrene-d10	19.79	212	125157	11.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.67	264	131945	11.74	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	3350	5.06	ng/uL#	85
4) Benzaldehyde	7.18	77	18941	12.15	ng/ul	89
6) Phenol	7.22	94	29472	11.18	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.46	93	23705	11.80	ng/ul	97
10) 2-Chlorophenol	7.61	128	23489	11.65	ng/ul	98
11) 2-Methylphenol	8.48	108	22696	11.20	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.59	45	45523	11.54	ng/ul	97
14) Acetophenone	8.87	105	37819	11.86	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.85	70	19025	11.20	ng/ul	96
16) 4-Methylphenol	8.80	108	25637	11.48	ng/ul	85
17) Hexachloroethane	9.14	117	9431	11.78	ng/ul	90
20) Nitrobenzene	9.24	77	27184	11.24	ng/ul	99
21) Isophorone	9.77	82	52640	11.09	ng/ul	98
23) 2-Nitrophenol	9.96	139	11848	10.99	ng/ul	94
24) 2,4-Dimethylphenol	10.01	107	27991	11.45	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.25	93	32018	11.43	ng/ul	100
27) 2,4-Dichlorophenol	10.49	162	23324	11.38	ng/ul	96
28) Naphthalene	10.91	128	77360	11.70	ng/ul	99
30) 4-Chloroaniline	11.00	127	28692	11.32	ng/ul	95
31) Hexachlorobutadiene	11.19	225	15061	11.50	ng/ul	92
32) Caprolactam	11.77	113	7414	10.84	ng/ul	88
33) 4-Chloro-3-methylphenol	12.12	107	25596	11.32	ng/ul	99
34) 2-Methylnaphthalene	12.50	142	57761	11.64	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.72	142	57483	11.81	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	28801	11.39	ng/ul#	96
38) Hexachlorocyclopentadiene	12.86	237	18004	11.02	ng/ul	99
39) 2,4,6-Trichlorophenol	13.10	196	19053	11.51	ng/ul	93
40) 2,4,5-Trichlorophenol	13.17	196	20098	11.36	ng/ul	90
41) 1,1'-Biphenyl	13.51	154	75053	11.91	ng/ul	97
42) 2-Chloronaphthalene	13.55	162	58140	11.87	ng/ul	99
43) 2-Nitroaniline	13.74	65	17787	10.98	ng/ul	99
45) Dimethylphthalate	14.13	163	72665	11.72	ng/ul	99
46) 2,6-Dinitrotoluene	14.24	165	13010	10.64	ng/ul	91
48) Acenaphthylene	14.40	152	95764	11.98	ng/ul	99
49) 3-Nitroaniline	14.56	138	12931	10.91	ng/ul#	83
50) Acenaphthene	14.73	153	65229	11.87	ng/ul	99
51) 2,4-Dinitrophenol	14.77	184	5577	8.78	ng/ul	90
53) 4-Nitrophenol	14.85	109	10940	11.50	ng/ul	92
54) Dibenzofuran	15.07	168	88997	12.01	ng/ul	99
55) 2,4-Dinitrotoluene	15.02	165	19654	11.06	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.29	232	18654	11.36	ng/ul	98
57) Diethylphthalate	15.48	149	74123	11.87	ng/ul	99
59) Fluorene	15.72	166	74886	12.05	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.71	204	37200	12.05	ng/ul	98
61) 4-Nitroaniline	15.72	138	15210	11.32	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.78	198	9875	9.74	ng/ul	100
65) N-Nitrosodiphenylamine	15.92	169	64039	11.68	ng/ul	93
66) 4-Bromophenyl-phenylether	16.61	248	23851	11.46	ng/ul	96
67) Hexachlorobenzene	16.72	284	26987	11.48	ng/ul	94
68) Atrazine	16.86	200	26745	11.56	ng/ul#	91
69) Pentachlorophenol	17.06	266	15586	10.74	ng/ul	92
70) Phenanthrene	17.45	178	126879	12.06	ng/ul	98
72) Anthracene	17.55	178	128732	12.21	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.47	216	29310	11.33	ng/uL	95
74) Pentachlorobenzene	14.99	250	29104	11.58	ng/uL	93
75) Carbazole	17.81	167	115076	12.04	ng/ul	99
76) Di-n-butylphthalate	18.38	149	141645	12.22	ng/ul	99
77) Fluoranthene	19.46	202	157668	12.27	ng/ul	99
80) Pyrene	19.82	202	167820	12.10	ng/ul	99
81) Butylbenzylphthalate	20.71	149	60805	11.35	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.57	252	50154	11.40	ng/ul	98
83) Benzo(a)anthracene	21.66	228	158163	11.80	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	90031	11.54	ng/ul	98
85) Chrysene	21.72	228	148641	11.83	ng/ul	99
87) Di-n-octyl phthalate	22.80	149	148819	11.67	ng/ul	100
88) Benzo(b)fluoranthene	23.87	252	150985	11.73	ng/ul	99
89) Benzo(k)fluoranthene	23.94	252	150898	12.11	ng/ul	100
91) Benzo(a)pyrene	24.74	252	148399	11.97	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.56	276	165348	11.48	ng/ul	97
93) Dibenzo(a,h)anthracene	28.63	278	140589	11.38	ng/ul	97
94) Benzo(g,h,i)perylene	29.70	276	137769	11.48	ng/ul	97

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

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