Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100716\
Data File : BG024199.D
Acq On : 6 Oct 2016 15:07
Operator : UM/SJ
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 06 16:02:51 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 06 16:00:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	152049	20.00	ng/ul	0.00
18) Naphthalene-d8	11.13	136	675472	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.92	164	540495	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.76	188	1984842	20.00	ng/ul	0.10
75) Chrysene-d12	22.07	240	2152	20.00	ng/ul	0.11
83) Perylene-d12	25.42	264	1195708	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.66	96	49360	14.74	ng/uL	0.00
5) Phenol-d5	7.43	99	566315	39.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.62	67	374830	38.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.83	132	397324	39.26	ng/ul	0.00
13) 4-Methylphenol-d8	9.00	113	459773	41.24	ng/ul	0.00
19) Nitrobenzene-d5	9.48	128	192271	35.24	ng/ul	0.00
22) 2-Nitrophenol-d4	10.21	143	221948	35.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.73	165	456305	40.57	ng/ul	0.00
29) 4-Chloroaniline-d4	11.26	131	534056	38.80	ng/ul	0.00
43) Dimethylphthalate-d6	14.31	166	1428918	31.89	ng/ul	0.00
46) Acenaphthylene-d8	14.62	160	1684214	33.19	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	261818	36.15	ng/ul	0.00
57) Fluorene-d10	15.91	176	1327537	33.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.08	200	815	0.06	ng/ul	0.07
70) Anthracene-d10	17.84	188	2014	0.02	ng/ul	0.09
76) Pyrene-d10	20.02	212	2191252	21221.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.18	264	2142266	39.13	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	49191	14.01	ng/uL#	53
4) Benzaldehyde	7.44	77	435453	47.35	ng/ul#	78
6) Phenol	7.46	94	576535	39.47	ng/ul#	53
8) Bis(2-Chloroethyl)ether	7.71	93	418087	37.52	ng/ul#	77
10) 2-Chlorophenol	7.86	128	387429	37.54	ng/ul#	81
11) 2-Methylphenol	8.73	108	428883	38.61	ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.83	45	845281	53.05	ng/ul#	87
14) Acetophenone	9.13	105	683527	37.71	ng/ul#	71
15) N-Nitroso-di-n-propylamine	9.11	70	421321	37.53	ng/ul#	71
16) 4-Methylphenol	9.06	108	454266	37.60	ng/ul	98
17) Hexachloroethane	9.40	117	170257	37.37	ng/ul#	85
20) Nitrobenzene	9.52	77	609008	38.14	ng/ul#	78
21) Isophorone	10.05	82	1102072	37.29	ng/ul#	93
23) 2-Nitrophenol	10.24	139	228284	34.06	ng/ul#	38
24) 2,4-Dimethylphenol	10.27	107	551649	38.13	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.52	93	589859	35.50	ng/ul#	98
27) 2,4-Dichlorophenol	10.76	162	428860	38.19	ng/ul	94
28) Naphthalene	11.19	128	1237581	35.82	ng/ul	99
30) 4-Chloroaniline	11.29	127	517840	38.36	ng/ul	98
31) Hexachlorobutadiene	11.45	225	347578	43.02	ng/ul	95
33) 4-Chloro-3-methylphenol	12.37	107	545116	39.28	ng/ul#	81
34) 2-Methylnaphthalene	12.77	142	994221	37.78	ng/ul	92
36) 1,2,4,5-Tetrachlorobenzene	13.12	216	611470	34.05	ng/ul	97

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100716\
Data File : BG024199.D
Acq On : 6 Oct 2016 15:07
Operator : UM/SJ
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 06 16:02:51 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 06 16:00:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) Hexachlorocyclopentadiene	13.10	237	452376	57.69 ng/ul#	98
38) 2,4,6-Trichlorophenol	13.36	196	401114	33.96 ng/ul	95
39) 2,4,5-Trichlorophenol	13.43	196	441094	36.13 ng/ul	96
40) 1,1'-Biphenyl	13.75	154	1326485	31.38 ng/ul	96
41) 2-Chloronaphthalene	13.81	162	1058278	32.93 ng/ul	98
42) 2-Nitroaniline	14.00	65	430232	32.27 ng/ul#	59
44) Dimethylphthalate	14.37	163	1400672	31.26 ng/ul	99
45) 2,6-Dinitrotoluene	14.49	165	297066	31.06 ng/ul#	73
47) Acenaphthylene	14.65	152	1603256	30.33 ng/ul	98
48) 3-Nitroaniline	14.82	138	288006	31.96 ng/ul#	54
49) Acenaphthene	14.98	153	1150762	32.50 ng/ul	93
50) 2,4-Dinitrophenol	15.01	184	192605	37.94 ng/ul#	81
52) 4-Nitrophenol	15.10	109	318330	43.76 ng/ul#	65
53) Dibenzofuran	15.31	168	1643132	31.92 ng/ul#	84
54) 2,4-Dinitrotoluene	15.26	165	436467	31.23 ng/ul#	50
55) 2,3,4,6-Tetrachlorophenol	15.53	232	438080	38.90 ng/ul#	97
56) Diethylphthalate	15.72	149	1468415	32.08 ng/ul	97
58) Fluorene	15.96	166	1353265	32.45 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.95	204	759297	36.04 ng/ul	98
60) 4-Nitroaniline	15.98	138	314823	31.46 ng/ul#	35
64) N-Nitrosodiphenylamine	16.16	169	1262926	21.49 ng/ul	98
65) 4-Bromophenyl-phenylether	16.84	248	527156	23.06 ng/ul	97
66) Hexachlorobenzene	16.95	284	576912	23.43 ng/ul	96
67) Atrazine	17.10	200	539785	22.43 ng/ul	94
68) Pentachlorophenol	17.30	266	370443	34.71 ng/ul	91
69) Phenanthrene	17.79	178	2220754	21.14 ng/ul	94
71) Anthracene	17.79	178	2220754	20.55 ng/ul	94
73) Di-n-butylphthalate	18.60	149	2211462	18.54 ng/ul#	92
74) Fluoranthene	20.05	202	2426648	21.68 ng/ul	95
77) Pyrene	20.05	202	2439535	19180.94 ng/ul#	90
78) Butylbenzylphthalate	21.06	149	1323	23.00 ng/ul#	41
79) 3,3'-Dichlorobenzidine	21.97	252	1364	31.89 ng/ul#	4
80) Benzo(a)anthracene	22.01	228	2420700	19458.68 ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.94	149	11034	142.59 ng/ul#	58
82) Chrysene	22.01	228	2420769	21621.03 ng/ul#	91
84) Di-n-octyl phthalate	23.11	149	2400305	34.93 ng/ul	100
85) Benzo(b)fluoranthene	24.31	252	2609827	37.54 ng/ul#	93
86) Benzo(k)fluoranthene	24.38	252	2480272	36.94 ng/ul#	88
88) Benzo(a)pyrene	25.26	252	2471241	37.04 ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.40	276	3038640	38.74 ng/ul#	82
90) Dibenzo(a,h)anthracene	29.48	278	2525164	37.54 ng/ul#	88
91) Benzo(g,h,i)perylene	30.65	276	2470795	38.09 ng/ul#	80

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100716\
Data File : BG024199.D
Acq On : 6 Oct 2016 15:07
Operator : UM/SJ
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 06 16:02:51 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 06 16:00:02 2016
Response via : Initial Calibration