Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101716\
Data File : BG024400.D
Acq On : 18 Oct 2016 2:03
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02032

Manual Integrations APPROVED
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Quant Time: Oct 18 03:42:05 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 18 03:13:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	112357	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	529709	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.90	164	431422	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.64	188	929523m	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1064732	20.00	ng/ul	0.00
83) Perylene-d12	25.38	264	1110947	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	18521	7.83	ng/uL	0.00
5) Phenol-d5	7.41	99	219566	20.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.60	67	139097	19.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	154260	21.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	181565	21.42	ng/ul	0.00
19) Nitrobenzene-d5	9.46	128	83206	22.13	ng/ul	0.00
22) 2-Nitrophenol-d4	10.18	143	92442	21.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	183256	20.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.24	131	223342	23.21	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	629434	20.90	ng/ul	0.00
46) Acenaphthylene-d8	14.60	160	727442	21.08	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	107221	20.07	ng/ul	0.00
57) Fluorene-d10	15.88	176	616433	21.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	122826	21.99	ng/ul	0.00
70) Anthracene-d10	17.74	188	869652	20.71	ng/ul	0.00
76) Pyrene-d10	20.01	212	1021228	20.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.14	264	1027358	20.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	19798	7.72	ng/uL#	85
4) Benzaldehyde	7.42	77	160613	21.77	ng/ul	98
6) Phenol	7.44	94	222591	20.92	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.69	93	159823	20.40	ng/ul	97
10) 2-Chlorophenol	7.84	128	150300	20.55	ng/ul	89
11) 2-Methylphenol	8.71	108	162628	20.64	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.81	45	314214	20.09	ng/ul	99
14) Acetophenone	9.11	105	277906	22.08	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.08	70	165815	21.85	ng/ul	91
16) 4-Methylphenol	9.03	108	185711	22.22	ng/ul	93
17) Hexachloroethane	9.38	117	70660	20.88	ng/ul#	89
20) Nitrobenzene	9.50	77	248949	20.93	ng/ul#	94
21) Isophorone	10.02	82	445797	20.62	ng/ul#	97
23) 2-Nitrophenol	10.22	139	94985	20.72	ng/ul	96
24) 2,4-Dimethylphenol	10.25	107	234540	20.77	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.50	93	238154	20.09	ng/ul	99
27) 2,4-Dichlorophenol	10.74	162	185042	21.07	ng/ul	89
28) Naphthalene	11.16	128	521543	20.45	ng/ul	98
30) 4-Chloroaniline	11.27	127	208301	21.33	ng/ul	95
31) Hexachlorobutadiene	11.43	225	149818	21.30	ng/ul	93
32) Caprolactam	12.02	113	66953	20.06	ng/ul	88
33) 4-Chloro-3-methylphenol	12.35	107	215163	20.02	ng/ul	96
34) 2-Methylnaphthalene	12.74	142	419905	20.71	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.10	216	279146	21.94	ng/ul	99
37) Hexachlorocyclopentadiene	13.08	237	178273	19.11	ng/ul	93
38) 2,4,6-Trichlorophenol	13.34	196	182395	22.11	ng/ul	98
39) 2,4,5-Trichlorophenol	13.40	196	193500	21.35	ng/ul	96
40) 1,1'-Biphenyl	13.74	154	581776	20.82	ng/ul	100
41) 2-Chloronaphthalene	13.78	162	479240	21.88	ng/ul	99
42) 2-Nitroaniline	13.98	65	187736	22.52	ng/ul#	84
44) Dimethylphthalate	14.34	163	610819	20.68	ng/ul	97
45) 2,6-Dinitrotoluene	14.47	165	127264	22.21	ng/ul	91
47) Acenaphthylene	14.62	152	699793	21.07	ng/ul	100
48) 3-Nitroaniline	14.80	138	123062	22.73	ng/ul#	93
49) Acenaphthene	14.97	153	498644	21.01	ng/ul	98
50) 2,4-Dinitrophenol	14.99	184	75483	19.64	ng/ul#	85
52) 4-Nitrophenol	15.08	109	132351	20.45	ng/ul	89
53) Dibenzofuran	15.29	168	737886	21.12	ng/ul	100
54) 2,4-Dinitrotoluene	15.25	165	183422	21.60	ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	15.51	232	190903	21.45	ng/ul#	95
56) Diethylphthalate	15.69	149	636956	20.46	ng/ul	97
58) Fluorene	15.94	166	599770	20.77	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.92	204	335922	20.96	ng/ul	92
60) 4-Nitroaniline	15.96	138	128508	20.61	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	16.01	198	122075m	20.85	ng/ul	
64) N-Nitrosodiphenylamine	16.13	169	544621	20.71	ng/ul	93
65) 4-Bromophenyl-phenylether	16.82	248	231123	21.47	ng/ul	92
66) Hexachlorobenzene	16.93	284	263628	21.95	ng/ul	96
67) Atrazine	17.07	200	233018	21.67	ng/ul	95
68) Pentachlorophenol	17.27	266	153274	20.99	ng/ul	92
69) Phenanthrene	17.68	178	982149m	20.93	ng/ul	
71) Anthracene	17.77	178	1006927	21.08	ng/ul	98
72) Carbazole	18.04	167	859754	22.94	ng/ul	98
73) Di-n-butylphthalate	18.57	149	1001018	21.83	ng/ul	98
74) Fluoranthene	19.68	202	1173673	24.76	ng/ul	99
77) Pyrene	20.04	202	1183280	20.81	ng/ul	99
78) Butylbenzylphthalate	20.90	149	453638	19.85	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.82	252	436642	22.02	ng/ul#	94
80) Benzo(a)anthracene	21.92	228	1232157	20.85	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.78	149	633526	19.60	ng/ul	99
82) Chrysene	21.99	228	1175981	20.91	ng/ul	96
84) Di-n-octyl phthalate	23.07	149	1107325	21.24	ng/ul	100
85) Benzo(b)fluoranthene	24.27	252	1223379	19.83	ng/ul	99
86) Benzo(k)fluoranthene	24.35	252	1212707	20.41	ng/ul	98
88) Benzo(a)pyrene	25.21	252	1211737	20.63	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.33	276	1468983	21.11	ng/ul	96
90) Dibenzo(a,h)anthracene	29.40	278	1234015	20.97	ng/ul	98
91) Benzo(g,h,i)perylene	30.57	276	1202624	20.55	ng/ul	95

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

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