Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101416\
Data File : BG024354.D
Acq On : 14 Oct 2016 16:32
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02027

Quant Time: Oct 14 17:25:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 14 13:21:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	154526	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	693877	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.90	164	587427	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.64	188	1268462	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1417521	20.00	ng/ul	0.00
83) Perylene-d12	25.38	264	1477165	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	24970	7.67	ng/uL	0.00
5) Phenol-d5	7.41	99	293170	20.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	191685	19.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	205674	20.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	251120	21.55	ng/ul	0.00
19) Nitrobenzene-d5	9.46	128	107453	21.82	ng/ul	0.00
22) 2-Nitrophenol-d4	10.19	143	130467	23.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	251982	21.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.24	131	302323	23.98	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	841838	20.52	ng/ul	0.00
46) Acenaphthylene-d8	14.60	160	981930	20.90	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	150672	20.72	ng/ul	0.00
57) Fluorene-d10	15.88	176	806998	20.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	171945	22.56	ng/ul	0.00
70) Anthracene-d10	17.74	188	1171180	20.44	ng/ul	0.00
76) Pyrene-d10	20.01	212	1376549	20.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.14	264	1350705	20.32	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	30817	8.74	ng/uL#	92
4) Benzaldehyde	7.42	77	221521	21.83	ng/ul	99
6) Phenol	7.44	94	301955	20.64	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.69	93	218885	20.32	ng/ul	90
10) 2-Chlorophenol	7.84	128	200661	19.94	ng/ul	91
11) 2-Methylphenol	8.71	108	223814	20.65	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.81	45	401934	18.69	ng/ul	97
14) Acetophenone	9.12	105	363097	20.98	ng/ul	89
15) N-Nitroso-di-n-propylamine	9.09	70	222333	21.30	ng/ul#	94
16) 4-Methylphenol	9.04	108	247655	21.54	ng/ul	99
17) Hexachloroethane	9.38	117	89430	19.22	ng/ul	95
20) Nitrobenzene	9.50	77	332982	21.37	ng/ul	96
21) Isophorone	10.02	82	597351	21.09	ng/ul	98
23) 2-Nitrophenol	10.21	139	132979	22.15	ng/ul	88
24) 2,4-Dimethylphenol	10.26	107	296310	20.03	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.50	93	315147	20.30	ng/ul#	88
27) 2,4-Dichlorophenol	10.74	162	242670	21.10	ng/ul	97
28) Naphthalene	11.17	128	683953	20.47	ng/ul	97
30) 4-Chloroaniline	11.27	127	289701	22.65	ng/ul	98
31) Hexachlorobutadiene	11.44	225	199753	21.68	ng/ul	95
32) Caprolactam	12.02	113	95687	21.88	ng/ul	91
33) 4-Chloro-3-methylphenol	12.35	107	309661	22.00	ng/ul	98
34) 2-Methylnaphthalene	12.75	142	544913	20.52	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.11	216	364966	21.07 ng/ul	97
37) Hexachlorocyclopentadiene	13.08	237	245853	19.35 ng/ul#	99
38) 2,4,6-Trichlorophenol	13.34	196	238585	21.24 ng/ul	92
39) 2,4,5-Trichlorophenol	13.41	196	266265	21.57 ng/ul	98
40) 1,1'-Biphenyl	13.74	154	765169	20.11 ng/ul	99
41) 2-Chloronaphthalene	13.79	162	606121	20.33 ng/ul	96
42) 2-Nitroaniline	13.99	65	254410	22.41 ng/ul	94
44) Dimethylphthalate	14.34	163	836913	20.81 ng/ul	99
45) 2,6-Dinitrotoluene	14.47	165	180653	23.15 ng/ul#	90
47) Acenaphthylene	14.63	152	937249	20.73 ng/ul	99
48) 3-Nitroaniline	14.80	138	169910	23.05 ng/ul#	84
49) Acenaphthene	14.96	153	651792	20.17 ng/ul	97
50) 2,4-Dinitrophenol	15.00	184	120140	22.95 ng/ul	84
52) 4-Nitrophenol	15.08	109	177534	20.15 ng/ul#	77
53) Dibenzofuran	15.30	168	966196	20.31 ng/ul	98
54) 2,4-Dinitrotoluene	15.25	165	255736	22.12 ng/ul#	93
55) 2,3,4,6-Tetrachlorophenol	15.51	232	264544	21.83 ng/ul#	94
56) Diethylphthalate	15.69	149	856630	20.21 ng/ul	97
58) Fluorene	15.94	166	797323	20.27 ng/ul	94
59) 4-Chlorophenyl-phenylether	15.93	204	439332	20.13 ng/ul	90
60) 4-Nitroaniline	15.96	138	179227	21.11 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	16.01	198	184538	23.10 ng/ul#	91
64) N-Nitrosodiphenylamine	16.14	169	741783	20.67 ng/ul	95
65) 4-Bromophenyl-phenylether	16.82	248	314720	21.42 ng/ul	90
66) Hexachlorobenzene	16.94	284	345505	21.08 ng/ul	94
67) Atrazine	17.08	200	316558	21.57 ng/ul	98
68) Pentachlorophenol	17.28	266	229366	23.02 ng/ul	87
69) Phenanthrene	17.68	178	1339129	20.91 ng/ul	99
71) Anthracene	17.78	178	1365893	20.95 ng/ul	98
72) Carbazole	18.04	167	1164465	22.76 ng/ul	98
73) Di-n-butylphthalate	18.57	149	1366943	21.85 ng/ul	99
74) Fluoranthene	19.67	202	1578328	24.40 ng/ul	99
77) Pyrene	20.04	202	1556447	20.56 ng/ul	98
78) Butylbenzylphthalate	20.90	149	633679	20.83 ng/ul	99
79) 3,3'-Dichlorobenzidine	21.82	252	619167	23.45 ng/ul#	93
80) Benzo(a)anthracene	21.92	228	1660147	21.11 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.78	149	880191	20.46 ng/ul	98
82) Chrysene	21.99	228	1526052	20.38 ng/ul	99
84) Di-n-octyl phthalate	23.07	149	1501937	21.67 ng/ul	100
85) Benzo(b)fluoranthene	24.28	252	1621898	19.78 ng/ul	97
86) Benzo(k)fluoranthene	24.28	252	1621898	20.53 ng/ul	95
88) Benzo(a)pyrene	25.21	252	1600769	20.49 ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.34	276	1990974	21.52 ng/ul	99
90) Dibenzo(a,h)anthracene	29.40	278	1646036	21.04 ng/ul	97
91) Benzo(g,h,i)perylene	30.58	276	1625147	20.89 ng/ul	96

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

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