Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027490.D
Acq On : 17 Jun 2017 3:19
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02086

Quant Time: Jun 17 03:51:48 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 16 22:56:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	43643	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	216293	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.11	164	145002	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	348002	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	367550	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	342492	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	4.08	96	8701	7.97	ng/uL	0.00
5) Phenol-d5	7.66	99	94290	19.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	67994	21.08	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	64216	20.54	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	77042	20.82	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	32705	20.82	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	36514	21.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	65956	20.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	96424	24.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	238212	19.62	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	284872	20.37	ng/ul	0.00
51) 4-Nitrophenol-d4	15.27	143	44429	18.71	ng/ul	0.00
57) Fluorene-d10	16.09	176	223356	19.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	40786	18.87	ng/ul	0.00
70) Anthracene-d10	17.96	188	331935	20.46	ng/ul	0.00
76) Pyrene-d10	20.22	212	361968	20.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.63	264	310528	20.14	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	4.11	88	9475	7.500	ng/uL#	82
4) Benzaldehyde	7.66	77	67239	24.299	ng/ul	91
6) Phenol	7.68	94	101706	20.507	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.93	93	75166	20.609	ng/ul	95
10) 2-Chlorophenol	8.09	128	65655	20.858	ng/ul	95
11) 2-Methylphenol	8.94	108	70970	19.795	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.04	45	135286	22.283	ng/ul	99
14) Acetophenone	9.34	105	116407	20.355	ng/ul#	90
15) N-Nitroso-di-n-propylamine	9.31	70	72492	22.437	ng/ul	88
16) 4-Methylphenol	9.26	108	80853	20.536	ng/ul	98
17) Hexachloroethane	9.61	117	24931	20.659	ng/ul#	75
20) Nitrobenzene	9.72	77	94951	21.456	ng/ul	94
21) Isophorone	10.24	82	182650	20.929	ng/ul#	95
23) 2-Nitrophenol	10.44	139	39454	21.524	ng/ul#	79
24) 2,4-Dimethylphenol	10.48	107	95007	21.758	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.71	93	111160	20.706	ng/ul	96
27) 2,4-Dichlorophenol	10.97	162	66823	20.963	ng/ul	95
28) Naphthalene	11.39	128	227018	20.424	ng/ul	98
30) 4-Chloroaniline	11.49	127	93010	23.610	ng/ul	94
31) Hexachlorobutadiene	11.66	225	39013	19.896	ng/ul	89
32) Caprolactam	12.23	113	27582	19.619	ng/ul	83
33) 4-Chloro-3-methylphenol	12.57	107	90617	21.584	ng/ul	97
34) 2-Methylnaphthalene	12.96	142	171697	20.830	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.31	216	84023	19.575 ng/ul	96
37) Hexachlorocyclopentadiene	13.29	237	44778	18.627 ng/ul	97
38) 2,4,6-Trichlorophenol	13.54	196	58680	20.659 ng/ul	91
39) 2,4,5-Trichlorophenol	13.61	196	61372	20.750 ng/ul	98
40) 1,1'-Biphenyl	13.94	154	228381	19.909 ng/ul#	94
41) 2-Chloronaphthalene	13.99	162	170550	19.714 ng/ul	94
42) 2-Nitroaniline	14.18	65	72887	22.393 ng/ul	99
44) Dimethylphthalate	14.54	163	235021	19.517 ng/ul	98
45) 2,6-Dinitrotoluene	14.67	165	45736	20.402 ng/ul	94
47) Acenaphthylene	14.83	152	282778	20.179 ng/ul	98
48) 3-Nitroaniline	15.00	138	48986	20.136 ng/ul#	92
49) Acenaphthene	15.17	153	192541	19.700 ng/ul	99
50) 2,4-Dinitrophenol	15.20	184	27692	17.830 ng/ul	92
52) 4-Nitrophenol	15.29	109	37684	19.950 ng/ul#	53
53) Dibenzofuran	15.50	168	280499	19.691 ng/ul	97
54) 2,4-Dinitrotoluene	15.45	165	68906	20.075 ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	15.72	232	58374	20.293 ng/ul#	88
56) Diethylphthalate	15.89	149	248565	19.532 ng/ul	98
58) Fluorene	16.15	166	236310	19.990 ng/ul	100
59) 4-Chlorophenyl-phenylether	16.13	204	115505	19.440 ng/ul	90
60) 4-Nitroaniline	16.16	138	56377	18.921 ng/ul#	69
63) 4,6-Dinitro-2-methylphenol	16.21	198	44191	19.381 ng/ul#	95
64) N-Nitrosodiphenylamine	16.34	169	207631	20.741 ng/ul	93
65) 4-Bromophenyl-phenylether	17.03	248	71622	20.319 ng/ul#	87
66) Hexachlorobenzene	17.16	284	76276	20.542 ng/ul	98
67) Atrazine	17.28	200	77673	20.258 ng/ul	97
68) Pentachlorophenol	17.50	266	45876	18.618 ng/ul	90
69) Phenanthrene	17.90	178	375637	20.086 ng/ul	98
71) Anthracene	17.99	178	388234	20.416 ng/ul	99
72) Carbazole	18.26	167	328630	20.094 ng/ul	99
73) Di-n-butylphthalate	18.78	149	407928	20.170 ng/ul#	97
74) Fluoranthene	19.89	202	424946	20.196 ng/ul#	84
77) Pyrene	20.25	202	439439	20.226 ng/ul#	80
78) Butylbenzylphthalate	21.13	149	180969	22.103 ng/ul	98
79) 3,3'-Dichlorobenzidine	22.10	252	140177	20.719 ng/ul#	91
80) Benzo(a)anthracene	22.21	228	418617	20.452 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	22.06	149	264328	22.478 ng/ul	97
82) Chrysene	22.29	228	382095	20.670 ng/ul	99
84) Di-n-octyl phthalate	23.42	149	446369	20.800 ng/ul	100
85) Benzo(b)fluoranthene	24.71	252	399650	19.593 ng/ul#	96
86) Benzo(k)fluoranthene	24.79	252	401674	20.487 ng/ul#	94
88) Benzo(a)pyrene	25.71	252	389761	19.901 ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	30.09	276	452369	20.233 ng/ul#	92
90) Dibenzo(a,h)anthracene	30.16	278	385765	20.096 ng/ul#	90
91) Benzo(g,h,i)perylene	31.41	276	366406	20.016 ng/ul#	86

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

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