Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027948.D
Acq On : 17 Jul 2017 14:23
Operator : SJ/JU
Sample : SSTD16057
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16057

Quant Time: Jul 17 14:57:28 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 17 13:11:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	61516	20.00	ng/ul	0.00
18) Naphthalene-d8	11.20	136	252891	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.99	164	159803	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	2858426	20.00	ng/ul	0.11
75) Chrysene-d12	22.07	240	514802	20.00	ng/ul	0.01
83) Perylene-d12	25.60	264	448721	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.86	96	67772	44.06	ng/uL	0.00
5) Phenol-d5	7.53	99	843829	126.49	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.70	67	471094	103.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.91	132	690905	156.76	ng/ul	0.00
13) 4-Methylphenol-d8	9.08	113	689123	132.12	ng/ul	0.02
19) Nitrobenzene-d5	9.55	128	329727	179.49	ng/ul	0.01
22) 2-Nitrophenol-d4	10.27	143	411234	210.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.82	165	781990	212.09	ng/ul	0.02
29) 4-Chloroaniline-d4	11.33	131	622689	133.41	ng/ul	0.01
43) Dimethylphthalate-d6	14.39	166	2151662	160.81	ng/ul	0.02
46) Acenaphthylene-d8	14.69	160	2541324	164.91	ng/ul	0.01
51) 4-Nitrophenol-d4	15.19	143	372748	142.41	ng/ul	0.03
57) Fluorene-d10	15.98	176	2057879	163.95	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	16.21	200	581	0.03	ng/ul	0.13
70) Anthracene-d10	17.84	188	2858426	21.45	ng/ul	0.01
76) Pyrene-d10	20.11	212	3261712	129.74	ng/ul	0.01
87) Benzo(a)pyrene-d12	25.37	264	3586585	177.50	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	73504	41.281	ng/uL#	90
4) Benzaldehyde	7.51	77	452478	116.007	ng/ul#	80
6) Phenol	7.56	94	800676	114.536	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.79	93	565172	109.934	ng/ul	91
10) 2-Chlorophenol	7.94	128	632448	142.544	ng/ul#	85
11) 2-Methylphenol	8.81	108	606271	119.971	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.90	45	1026275	119.926	ng/ul	97
14) Acetophenone	9.21	105	954749	118.445	ng/ul#	84
15) N-Nitroso-di-n-propylamine	9.21	70	501771	110.181	ng/ul#	92
16) 4-Methylphenol	9.15	108	644591	116.151	ng/ul	99
17) Hexachloroethane	9.46	117	246556	144.947	ng/ul#	85
20) Nitrobenzene	9.59	77	725493	140.216	ng/ul#	87
21) Isophorone	10.13	82	1317043	129.076	ng/ul#	91
23) 2-Nitrophenol	10.31	139	390444	182.176	ng/ul#	71
24) 2,4-Dimethylphenol	10.35	107	746966	146.310	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	10.59	93	783455	124.814	ng/ul#	92
27) 2,4-Dichlorophenol	10.84	162	735571	197.364	ng/ul#	93
28) Naphthalene	11.25	128	1900905	146.268	ng/ul	96
30) 4-Chloroaniline	11.36	127	568967	123.527	ng/ul	94
31) Hexachlorobutadiene	11.52	225	582143	253.923	ng/ul	88
32) Caprolactam	12.17	113	138665	84.360	ng/ul	94
33) 4-Chloro-3-methylphenol	12.46	107	656357	133.712	ng/ul#	80
34) 2-Methylnaphthalene	12.83	142	1524102	158.145	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.20	216	1074310	227.103 ng/ul#	91
37) Hexachlorocyclopentadiene	13.17	237	700245	264.312 ng/ul	99
38) 2,4,6-Trichlorophenol	13.43	196	668869	213.672 ng/ul	92
39) 2,4,5-Trichlorophenol	13.51	196	694210	212.978 ng/ul	99
40) 1,1'-Biphenyl	13.82	154	1978574	156.507 ng/ul	92
41) 2-Chloronaphthalene	13.87	162	1608175	168.673 ng/ul	96
42) 2-Nitroaniline	14.08	65	483757	134.856 ng/ul#	76
44) Dimethylphthalate	14.43	163	1961335	147.793 ng/ul#	98
45) 2,6-Dinitrotoluene	14.57	165	458566	185.611 ng/ul#	80
47) Acenaphthylene	14.72	152	2426455	157.112 ng/ul	93
48) 3-Nitroaniline	14.90	138	353710	131.928 ng/ul#	81
49) Acenaphthene	15.05	153	1688580	156.769 ng/ul	96
50) 2,4-Dinitrophenol	15.10	184	314007	183.449 ng/ul#	71
52) 4-Nitrophenol	15.21	109	290079	139.344 ng/ul#	68
53) Dibenzofuran	15.39	168	2374566	151.256 ng/ul	98
54) 2,4-Dinitrotoluene	15.35	165	637243	168.462 ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.61	232	688425	217.160 ng/ul	93
56) Diethylphthalate	15.79	149	1902860	135.678 ng/ul#	90
58) Fluorene	16.04	166	2049427	157.310 ng/ul	97
59) 4-Chlorophenyl-phenylether	16.02	204	1212263	185.128 ng/ul#	82
60) 4-Nitroaniline	16.08	138	432611	131.741 ng/ul#	67
63) 4,6-Dinitro-2-methylphenol	16.12	198	477470	25.495 ng/ul#	83
64) N-Nitrosodiphenylamine	16.23	169	1715945	20.869 ng/ul	97
65) 4-Bromophenyl-phenylether	16.91	248	843561	29.136 ng/ul	89
66) Hexachlorobenzene	17.04	284	861206	28.237 ng/ul	95
67) Atrazine	17.18	200	773518	24.561 ng/ul	99
68) Pentachlorophenol	17.38	266	528102	26.092 ng/ul	93
69) Phenanthrene	17.88	178	2987276	19.447 ng/ul#	89
71) Anthracene	17.88	178	2987276	19.126 ng/ul#	88
72) Carbazole	18.14	167	2603395	19.380 ng/ul	93
73) Di-n-butylphthalate	18.67	149	2824219	17.001 ng/ul#	95
74) Fluoranthene	19.78	202	3523557	20.387 ng/ul#	96
77) Pyrene	20.14	202	3498991	114.984 ng/ul#	92
78) Butylbenzylphthalate	21.00	149	1467806	127.993 ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.96	252	1315994	138.873 ng/ul	92
80) Benzo(a)anthracene	22.06	228	3877186	135.243 ng/ul#	85
81) Bis(2-ethylhexyl)phthalate	21.91	149	2050471	124.492 ng/ul#	87
82) Chrysene	22.13	228	3532049	136.418 ng/ul#	87
84) Di-n-octyl phthalate	23.22	149	3364631	119.671 ng/ul	100
85) Benzo(b)fluoranthene	24.48	252	4225072	158.096 ng/ul#	91
86) Benzo(k)fluoranthene	24.56	252	3940235	153.388 ng/ul#	93
88) Benzo(a)pyrene	25.46	252	4055852	158.066 ng/ul	95
89) Indeno(1,2,3-cd)pyrene	29.68	276	5015660	171.230 ng/ul#	94
90) Dibenzo(a,h)anthracene	29.76	278	4196082	166.845 ng/ul#	98
91) Benzo(g,h,i)perylene	30.97	276	4023982	167.786 ng/ul#	93

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

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