Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023756.D
Acq On : 18 Aug 2016 12:52
Operator : UM/SJ
Sample : SSTD04009
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD04009

Quant Time: Aug 18 13:34:55 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 18 13:11:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	113454	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	505380	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	331101	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	806132	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	841859	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	807974	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	36906	13.83	ng/uL	0.00
5) Phenol-d5	7.25	99	435893	38.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	296444	40.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	312574	40.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	340542	38.17	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	165018	41.42	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	194177	42.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	343597	39.81	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	435408	43.00	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	1096377	40.44	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	1245273	40.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	187210	40.45	ng/ul	0.00
57) Fluorene-d10	15.76	176	952879	38.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	207646	40.15	ng/ul	0.00
70) Anthracene-d10	17.63	188	1419466	39.08	ng/ul	0.00
76) Pyrene-d10	19.92	212	1591828	37.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1479687	40.46	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	40434	14.44	ng/uL#	76
4) Benzaldehyde	7.23	77	301136	43.23	ng/ul	86
6) Phenol	7.28	94	448395	37.67	ng/ul#	65
8) Bis(2-Chloroethyl)ether	7.51	93	345112	39.94	ng/ul#	86
10) 2-Chlorophenol	7.66	128	319715	40.26	ng/ul#	83
11) 2-Methylphenol	8.55	108	343372	38.31	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.63	45	483878	40.93	ng/ul	98
14) Acetophenone	8.93	105	552847	38.63	ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.91	70	343707	39.92	ng/ul#	83
16) 4-Methylphenol	8.88	108	374168	37.24	ng/ul	97
17) Hexachloroethane	9.19	117	136984	39.97	ng/ul#	82
20) Nitrobenzene	9.32	77	468583	40.13	ng/ul#	86
21) Isophorone	9.84	82	893298	41.59	ng/ul#	93
23) 2-Nitrophenol	10.04	139	202615	41.02	ng/ul#	57
24) 2,4-Dimethylphenol	10.10	107	433626	40.01	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.32	93	488124	39.40	ng/ul	97
27) 2,4-Dichlorophenol	10.58	162	339674	39.03	ng/ul	96
28) Naphthalene	10.98	128	1004544	39.15	ng/ul	99
30) 4-Chloroaniline	11.09	127	430322	42.82	ng/ul	97
31) Hexachlorobutadiene	11.26	225	237254	40.93	ng/ul	95
32) Caprolactam	11.87	113	70750	19.58	ng/ul#	38
33) 4-Chloro-3-methylphenol	12.23	107	428123	38.22	ng/ul#	83
34) 2-Methylnaphthalene	12.59	142	787782	37.87	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.96	216	443100	43.59 ng/ul	97
37) Hexachlorocyclopentadiene	12.93	237	204251	36.33 ng/ul	97
38) 2,4,6-Trichlorophenol	13.20	196	292639	41.56 ng/ul	98
39) 2,4,5-Trichlorophenol	13.29	196	311702	41.30 ng/ul	96
40) 1,1'-Biphenyl	13.60	154	1017615	41.82 ng/ul	98
41) 2-Chloronaphthalene	13.64	162	780023	41.23 ng/ul	94
42) 2-Nitroaniline	13.86	65	341502	44.21 ng/ul#	65
44) Dimethylphthalate	14.21	163	1070580	39.88 ng/ul	99
45) 2,6-Dinitrotoluene	14.35	165	240450	41.32 ng/ul#	87
47) Acenaphthylene	14.50	152	1278817	40.07 ng/ul	98
48) 3-Nitroaniline	14.68	138	240398	43.94 ng/ul#	55
49) Acenaphthene	14.84	153	869558	39.99 ng/ul	95
50) 2,4-Dinitrophenol	14.90	184	137494	38.29 ng/ul#	82
52) 4-Nitrophenol	15.22	109	482	0.10 ng/ul	94
53) Dibenzofuran	15.17	168	1229097	38.15 ng/ul#	86
54) 2,4-Dinitrotoluene	15.14	165	353410	40.08 ng/ul#	69
55) 2,3,4,6-Tetrachlorophenol	15.40	232	292854	37.77 ng/ul	93
56) Diethylphthalate	15.58	149	1096191	39.07 ng/ul	95
58) Fluorene	15.82	166	1001087	37.30 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.81	204	519648	38.49 ng/ul	94
60) 4-Nitroaniline	15.86	138	260704	41.08 ng/ul#	60
63) 4,6-Dinitro-2-methylphenol	15.92	198	219253	40.39 ng/ul#	84
64) N-Nitrosodiphenylamine	16.03	169	918851	40.79 ng/ul	98
65) 4-Bromophenyl-phenylether	16.71	248	361111	39.06 ng/ul	98
66) Hexachlorobenzene	16.83	284	394132	40.02 ng/ul	98
67) Atrazine	16.98	200	393735	42.31 ng/ul	97
68) Pentachlorophenol	17.19	266	179428	33.02 ng/ul	93
69) Phenanthrene	17.58	178	1614464	38.67 ng/ul	96
71) Anthracene	17.67	178	1647305	38.67 ng/ul	95
72) Carbazole	17.94	167	1474770	42.96 ng/ul#	97
73) Di-n-butylphthalate	18.48	149	1792256	41.69 ng/ul#	93
74) Fluoranthene	19.59	202	1895530	44.35 ng/ul#	94
77) Pyrene	19.95	202	1917667	36.85 ng/ul	95
78) Butylbenzylphthalate	20.82	149	872364	43.70 ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.74	252	720873	48.60 ng/ul#	97
80) Benzo(a)anthracene	21.83	228	1857955	39.19 ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.70	149	1170382	44.09 ng/ul#	95
82) Chrysene	21.90	228	1685404	39.10 ng/ul	93
84) Di-n-octyl phthalate	22.96	149	1965220	48.16 ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	1882319	40.96 ng/ul#	94
86) Benzo(k)fluoranthene	24.22	252	1741113	38.48 ng/ul#	89
88) Benzo(a)pyrene	25.08	252	1766898	39.82 ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.11	276	2097422	40.23 ng/ul#	85
90) Dibenzo(a,h)anthracene	29.18	278	1796504	40.40 ng/ul#	91
91) Benzo(g,h,i)perylene	30.34	276	1721348	39.82 ng/ul#	84

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

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