Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023755.D
Acq On : 18 Aug 2016 12:15
Operator : UM/SJ
Sample : SSTD02008
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02008

Quant Time: Aug 18 13:18:03 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	8.10	152	103918	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	460412	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	310049	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	724706	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	793619	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	753599	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	18285	7.48	ng/uL	0.00
5) Phenol-d5	7.26	99	204351	19.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	141167	21.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	142082	19.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	157928	19.32	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	75439	20.79	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	89307	21.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	157964	20.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	203113	22.02	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	528120	20.80	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	600158	21.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	82365	19.01	ng/ul	0.00
57) Fluorene-d10	15.77	176	457371	19.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	92341	19.86	ng/ul	0.00
70) Anthracene-d10	17.64	188	707240	21.66	ng/ul	0.00
76) Pyrene-d10	19.93	212	800955	19.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	704624	20.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	20689	8.07	ng/uL#	65
4) Benzaldehyde	7.23	77	143352	22.47	ng/ul	85
6) Phenol	7.36	94	1020	0.09	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.51	93	160029	20.22	ng/ul	91
10) 2-Chlorophenol	7.65	128	146925	20.20	ng/ul#	85
11) 2-Methylphenol	8.54	108	157672	19.21	ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.63	45	233104	21.53	ng/ul	96
14) Acetophenone	8.93	105	260922	19.91	ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.91	70	159806	20.26	ng/ul#	82
16) 4-Methylphenol	8.88	108	171969	18.69	ng/ul	95
17) Hexachloroethane	9.19	117	64473	20.54	ng/ul#	76
20) Nitrobenzene	9.32	77	217761	20.47	ng/ul#	86
21) Isophorone	9.84	82	409795	20.94	ng/ul	96
23) 2-Nitrophenol	10.04	139	94194	20.93	ng/ul#	65
24) 2,4-Dimethylphenol	10.09	107	204942	20.76	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.32	93	232147	20.57	ng/ul	99
27) 2,4-Dichlorophenol	10.58	162	154907	19.54	ng/ul	91
28) Naphthalene	10.99	128	486813	20.83	ng/ul	99
30) 4-Chloroaniline	11.10	127	200510	21.90	ng/ul	97
31) Hexachlorobutadiene	11.26	225	112376	21.28	ng/ul	95
32) Caprolactam	11.97	113	478	0.15	ng/ul	89
33) 4-Chloro-3-methylphenol	12.22	107	196559	19.26	ng/ul#	81
34) 2-Methylnaphthalene	12.59	142	370463	19.55	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.96	216	207943	21.84 ng/ul	96
37) Hexachlorocyclopentadiene	12.93	237	76648	14.56 ng/ul	92
38) 2,4,6-Trichlorophenol	13.21	196	135319	20.52 ng/ul	92
39) 2,4,5-Trichlorophenol	13.29	196	143134	20.25 ng/ul	98
40) 1,1'-Biphenyl	13.59	154	498803	21.89 ng/ul	98
41) 2-Chloronaphthalene	13.65	162	378341	21.35 ng/ul	97
42) 2-Nitroaniline	13.85	65	157015	21.71 ng/ul#	64
44) Dimethylphthalate	14.21	163	527538	20.99 ng/ul	99
45) 2,6-Dinitrotoluene	14.35	165	111000	20.37 ng/ul#	88
47) Acenaphthylene	14.49	152	630952	21.11 ng/ul	99
48) 3-Nitroaniline	14.68	138	107743	21.03 ng/ul#	55
49) Acenaphthene	14.83	153	409903	20.13 ng/ul	95
50) 2,4-Dinitrophenol	14.90	184	50915	15.14 ng/ul#	74
52) 4-Nitrophenol	15.00	109	82701	19.05 ng/ul#	75
53) Dibenzofuran	15.17	168	613239	20.33 ng/ul#	88
54) 2,4-Dinitrotoluene	15.14	165	161674	19.58 ng/ul#	63
55) 2,3,4,6-Tetrachlorophenol	15.40	232	133034	18.32 ng/ul	95
56) Diethylphthalate	15.57	149	546177	20.79 ng/ul	98
58) Fluorene	15.83	166	498824	19.85 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.81	204	243558	19.27 ng/ul	92
60) 4-Nitroaniline	15.85	138	119449	20.10 ng/ul#	62
63) 4,6-Dinitro-2-methylphenol	15.91	198	95359	19.54 ng/ul#	86
64) N-Nitrosodiphenylamine	16.03	169	451058	22.27 ng/ul	97
65) 4-Bromophenyl-phenylether	16.71	248	173667	20.90 ng/ul	94
66) Hexachlorobenzene	16.84	284	184947	20.89 ng/ul	99
67) Atrazine	16.98	200	188687	22.56 ng/ul	95
68) Pentachlorophenol	17.19	266	69686	14.27 ng/ul	87
69) Phenanthrene	17.58	178	817100	21.77 ng/ul	99
71) Anthracene	17.67	178	830687	21.69 ng/ul	98
72) Carbazole	17.94	167	747940	24.24 ng/ul	98
73) Di-n-butylphthalate	18.48	149	941076	24.35 ng/ul#	95
74) Fluoranthene	19.59	202	982892	25.58 ng/ul#	93
77) Pyrene	19.95	202	1007037	20.53 ng/ul#	92
78) Butylbenzylphthalate	20.82	149	438445	23.30 ng/ul#	87
79) 3,3'-Dichlorobenzidine	21.74	252	348845	24.95 ng/ul#	97
80) Benzo(a)anthracene	21.83	228	958277	21.44 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.70	149	592468	23.68 ng/ul#	99
82) Chrysene	21.89	228	865006	21.29 ng/ul	97
84) Di-n-octyl phthalate	22.96	149	995225	26.15 ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	912502	21.29 ng/ul#	95
86) Benzo(k)fluoranthene	24.22	252	879701	20.85 ng/ul#	90
88) Benzo(a)pyrene	25.07	252	872348	21.08 ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.12	276	1020395	20.98 ng/ul#	84
90) Dibenzo(a,h)anthracene	29.18	278	875028	21.10 ng/ul#	90
91) Benzo(g,h,i)perylene	30.34	276	841128	20.86 ng/ul#	85

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

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