Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027947.D
Acq On : 17 Jul 2017 13:44
Operator : SJ/JU
Sample : SSTD08056
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD08056

Quant Time: Jul 17 14:27:29 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	8.38	152	57838	20.00	ng/ul	0.00
18) Naphthalene-d8	11.20	136	238973	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.99	164	155487	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.73	188	382163	20.00	ng/ul	0.00
75) Chrysene-d12	22.06	240	504450	20.00	ng/ul	0.00
83) Perylene-d12	25.59	264	446824	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.87	96	33622	23.25	ng/uL	0.00
5) Phenol-d5	7.52	99	392765	62.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.69	67	218838	51.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.91	132	312574	75.43	ng/ul	0.00
13) 4-Methylphenol-d8	9.07	113	319342	65.12	ng/ul	0.01
19) Nitrobenzene-d5	9.54	128	150677	86.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.27	143	184866	100.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.81	165	353933	101.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	344738	78.16	ng/ul	0.00
43) Dimethylphthalate-d6	14.38	166	1080891	83.03	ng/ul	0.01
46) Acenaphthylene-d8	14.69	160	1261535	84.14	ng/ul	0.01
51) 4-Nitrophenol-d4	15.18	143	175094	68.75	ng/ul	0.02
57) Fluorene-d10	15.97	176	1016737	83.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.09	200	235066	99.05	ng/ul	0.01
70) Anthracene-d10	17.83	188	1487832	83.50	ng/ul	0.00
76) Pyrene-d10	20.10	212	1741020	70.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.36	264	1775829	88.26	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	36534	21.823	ng/uL#	91
4) Benzaldehyde	7.51	77	238282	64.976	ng/ul#	82
6) Phenol	7.55	94	375408	57.117	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.78	93	264259	54.671	ng/ul	93
10) 2-Chlorophenol	7.94	128	288937	69.263	ng/ul#	85
11) 2-Methylphenol	8.80	108	277516	58.408	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.90	45	496462	61.703	ng/ul	97
14) Acetophenone	9.20	105	446368	58.897	ng/ul#	84
15) N-Nitroso-di-n-propylamine	9.19	70	237540	55.477	ng/ul#	95
16) 4-Methylphenol	9.14	108	300313	57.555	ng/ul	99
17) Hexachloroethane	9.46	117	114530	71.612	ng/ul#	84
20) Nitrobenzene	9.59	77	337979	69.125	ng/ul#	86
21) Isophorone	10.11	82	626454	64.971	ng/ul#	93
23) 2-Nitrophenol	10.30	139	178225	88.000	ng/ul#	71
24) 2,4-Dimethylphenol	10.34	107	349181	72.379	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	10.58	93	370857	62.523	ng/ul#	95
27) 2,4-Dichlorophenol	10.84	162	340619	96.716	ng/ul	93
28) Naphthalene	11.25	128	914106	74.434	ng/ul	97
30) 4-Chloroaniline	11.35	127	322333	74.057	ng/ul	95
31) Hexachlorobutadiene	11.52	225	266804	123.154	ng/ul	92
32) Caprolactam	12.13	113	67266	43.306	ng/ul	87
33) 4-Chloro-3-methylphenol	12.45	107	313895	67.670	ng/ul#	84
34) 2-Methylnaphthalene	12.83	142	740874	81.353	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.19	216	501248	108.902	ng/ul#	92
37) Hexachlorocyclopentadiene	13.16	237	308986	119.866	ng/ul	98
38) 2,4,6-Trichlorophenol	13.42	196	312217	102.507	ng/ul	94
39) 2,4,5-Trichlorophenol	13.50	196	320851	101.167	ng/ul	94
40) 1,1'-Biphenyl	13.82	154	975748	79.325	ng/ul	95
41) 2-Chloronaphthalene	13.87	162	778622	83.933	ng/ul	96
42) 2-Nitroaniline	14.07	65	231771	66.404	ng/ul#	82
44) Dimethylphthalate	14.43	163	981643	76.023	ng/ul	99
45) 2,6-Dinitrotoluene	14.56	165	219270	91.216	ng/ul#	82
47) Acenaphthylene	14.71	152	1221342	81.277	ng/ul	98
48) 3-Nitroaniline	14.89	138	190074	72.862	ng/ul#	83
49) Acenaphthene	15.05	153	826722	78.884	ng/ul	96
50) 2,4-Dinitrophenol	15.31	184	3481	2.090	ng/ul	91
52) 4-Nitrophenol	15.19	109	140667	69.447	ng/ul#	72
53) Dibenzofuran	15.38	168	1191864	78.027	ng/ul	93
54) 2,4-Dinitrotoluene	15.34	165	306751	83.344	ng/ul#	75
55) 2,3,4,6-Tetrachlorophenol	15.60	232	321499	104.230	ng/ul	93
56) Diethylphthalate	15.78	149	963393	70.599	ng/ul	95
58) Fluorene	16.03	166	1029876	81.246	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.01	204	580153	91.056	ng/ul#	80
60) 4-Nitroaniline	16.06	138	212461	66.496	ng/ul#	67
63) 4,6-Dinitro-2-methylphenol	16.11	198	224724	89.750	ng/ul#	84
64) N-Nitrosodiphenylamine	16.22	169	856247	77.890	ng/ul	97
65) 4-Bromophenyl-phenylether	16.91	248	401256	103.660	ng/ul	90
66) Hexachlorobenzene	17.04	284	413627	101.437	ng/ul	94
67) Atrazine	17.17	200	378430	89.874	ng/ul	98
68) Pentachlorophenol	17.38	266	241419	89.216	ng/ul	93
69) Phenanthrene	17.78	178	1565619	76.234	ng/ul	98
71) Anthracene	17.87	178	1592921	76.280	ng/ul	97
72) Carbazole	18.13	167	1362324	75.853	ng/ul	97
73) Di-n-butylphthalate	18.66	149	1536517	69.181	ng/ul#	97
74) Fluoranthene	19.77	202	1960038	84.825	ng/ul	99
77) Pyrene	20.13	202	1976771	66.294	ng/ul	99
78) Butylbenzylphthalate	21.00	149	728853	64.861	ng/ul#	82
79) 3,3'-Dichlorobenzidine	21.95	252	718706	77.399	ng/ul	97
80) Benzo(a)anthracene	22.05	228	2104879	74.929	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.91	149	1048716	64.978	ng/ul#	93
82) Chrysene	22.12	228	1898243	74.820	ng/ul	96
84) Di-n-octyl phthalate	23.22	149	1763392	62.986	ng/ul	100
85) Benzo(b)fluoranthene	24.47	252	2141135	80.458	ng/ul#	97
86) Benzo(k)fluoranthene	24.54	252	2041293	79.802	ng/ul#	98
88) Benzo(a)pyrene	25.44	252	2045898	80.072	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.64	276	2414955	82.794	ng/ul#	96
90) Dibenzo(a,h)anthracene	29.71	278	2057372	82.153	ng/ul#	97
91) Benzo(g,h,i)perylene	30.93	276	1957677	81.975	ng/ul#	96

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

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