Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027945.D
Acq On : 17 Jul 2017 12:24
Operator : SJ/JU
Sample : SSTD02054
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02054

Quant Time: Jul 17 13:16:49 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	51301	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	215452	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.98	164	145605	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.73	188	377950	20.00	ng/ul	0.00
75) Chrysene-d12	22.06	240	471592	20.00	ng/ul	0.00
83) Perylene-d12	25.58	264	431967	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.87	96	7845	6.12	ng/uL	0.00
5) Phenol-d5	7.52	99	81833	14.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.69	67	49376	13.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.91	132	68108	18.53	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	69339	15.94	ng/ul	0.00
19) Nitrobenzene-d5	9.54	128	31485	20.12	ng/ul	0.00
22) 2-Nitrophenol-d4	10.27	143	38225	22.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	74267	23.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	61917	15.57	ng/ul	0.00
43) Dimethylphthalate-d6	14.37	166	255283	20.94	ng/ul	0.00
46) Acenaphthylene-d8	14.67	160	289074	20.59	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	34743	14.57	ng/ul	0.00
57) Fluorene-d10	15.97	176	241598	21.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.08	200	48518	20.67	ng/ul	0.00
70) Anthracene-d10	17.83	188	373700	21.21	ng/ul	0.00
76) Pyrene-d10	20.10	212	438044	19.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.34	264	412158	21.19	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	8710	5.866	ng/uL	89
4) Benzaldehyde	7.51	77	54382	16.719	ng/ul#	74
6) Phenol	7.54	94	81051	13.903	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.78	93	59831	13.955	ng/ul	88
10) 2-Chlorophenol	7.94	128	62123	16.790	ng/ul#	87
11) 2-Methylphenol	8.80	108	58394	13.856	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.89	45	114394	16.029	ng/ul	96
14) Acetophenone	9.19	105	97492	14.503	ng/ul#	84
15) N-Nitroso-di-n-propylamine	9.16	70	50063	13.182	ng/ul#	97
16) 4-Methylphenol	9.12	108	66265	14.318	ng/ul	94
17) Hexachloroethane	9.46	117	24915	17.564	ng/ul#	84
20) Nitrobenzene	9.58	77	73944	16.774	ng/ul#	88
21) Isophorone	10.10	82	133777	15.389	ng/ul#	93
23) 2-Nitrophenol	10.30	139	36450	19.962	ng/ul#	77
24) 2,4-Dimethylphenol	10.34	107	77240	17.758	ng/ul#	90
25) Bis(2-Chloroethoxy)methane	10.57	93	80230	15.003	ng/ul#	92
27) 2,4-Dichlorophenol	10.83	162	72990	22.987	ng/ul#	88
28) Naphthalene	11.24	128	206035	18.609	ng/ul	98
30) 4-Chloroaniline	11.35	127	56667	14.441	ng/ul	93
31) Hexachlorobutadiene	11.52	225	57542	29.460	ng/ul#	88
32) Caprolactam	12.09	113	21596	15.422	ng/ul#	73
33) 4-Chloro-3-methylphenol	12.44	107	69013	16.502	ng/ul#	86
34) 2-Methylnaphthalene	12.82	142	168443	20.515	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.18	216	110107	25.546	ng/ul#	92
37) Hexachlorocyclopentadiene	13.16	237	57185	23.690	ng/ul	97
38) 2,4,6-Trichlorophenol	13.42	196	67506	23.668	ng/ul	98
39) 2,4,5-Trichlorophenol	13.49	196	71060	23.926	ng/ul	97
40) 1,1'-Biphenyl	13.81	154	228431	19.831	ng/ul#	96
41) 2-Chloronaphthalene	13.86	162	176319	20.296	ng/ul	97
42) 2-Nitroaniline	14.06	65	51669	15.808	ng/ul#	86
44) Dimethylphthalate	14.42	163	233809	19.336	ng/ul	98
45) 2,6-Dinitrotoluene	14.55	165	47007	20.882	ng/ul#	81
47) Acenaphthylene	14.70	152	287555	20.435	ng/ul	98
48) 3-Nitroaniline	14.88	138	39890	16.329	ng/ul#	87
49) Acenaphthene	15.04	153	190536	19.414	ng/ul	94
50) 2,4-Dinitrophenol	15.09	184	22795	14.616	ng/ul#	78
52) 4-Nitrophenol	15.17	109	29496	15.550	ng/ul#	79
53) Dibenzofuran	15.37	168	286079	20.000	ng/ul	89
54) 2,4-Dinitrotoluene	15.33	165	72963	21.169	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	15.60	232	70304	24.340	ng/ul#	90
56) Diethylphthalate	15.77	149	239457	18.739	ng/ul	96
58) Fluorene	16.03	166	247745	20.871	ng/ul	98
59) 4-Chlorophenyl-phenylether	16.01	204	135018	22.630	ng/ul#	81
60) 4-Nitroaniline	16.04	138	49654	16.595	ng/ul#	68
63) 4,6-Dinitro-2-methylphenol	16.10	198	45204	18.255	ng/ul#	85
64) N-Nitrosodiphenylamine	16.22	169	205654	18.916	ng/ul	96
65) 4-Bromophenyl-phenylether	16.90	248	90972	23.764	ng/ul	92
66) Hexachlorobenzene	17.03	284	95940	23.790	ng/ul	92
67) Atrazine	17.16	200	88472	21.246	ng/ul	98
68) Pentachlorophenol	17.37	266	47703	17.825	ng/ul	95
69) Phenanthrene	17.77	178	396482	19.521	ng/ul	99
71) Anthracene	17.86	178	409146	19.811	ng/ul	98
72) Carbazole	18.13	167	337594	19.006	ng/ul	98
73) Di-n-butylphthalate	18.66	149	378086	17.213	ng/ul#	96
74) Fluoranthene	19.77	202	499158	21.843	ng/ul	97
77) Pyrene	20.13	202	521770	18.718	ng/ul	97
78) Butylbenzylphthalate	21.00	149	162355	15.455	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.94	252	147766	17.022	ng/ul	97
80) Benzo(a)anthracene	22.04	228	529899	20.177	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.90	149	233951	15.506	ng/ul	97
82) Chrysene	22.11	228	473501	19.964	ng/ul	99
84) Di-n-octyl phthalate	23.21	149	396871	14.663	ng/ul	100
85) Benzo(b)fluoranthene	24.53	252	489569	19.029	ng/ul	99
86) Benzo(k)fluoranthene	24.53	252	489569	19.797	ng/ul	98
88) Benzo(a)pyrene	25.41	252	484963	19.633	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.62	276	551504	19.558	ng/ul	97
90) Dibenzo(a,h)anthracene	29.68	278	474943	19.617	ng/ul#	97
91) Benzo(g,h,i)perylene	30.88	276	451386	19.551	ng/ul#	95

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

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