Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027944.D
Acq On : 17 Jul 2017 11:45
Operator : SJ/JU
Sample : SSTD01053
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD01053

Manual Integrations APPROVED
mohammad
7/20/2017 8:39:58 AM

Quant Time: Jul 17 13:40:46 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	50118	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	203981	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.98	164	146126	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.73	188	380726	20.00	ng/ul	0.00
75) Chrysene-d12	22.06	240	462686	20.00	ng/ul	0.00
83) Perylene-d12	25.58	264	427960	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.86	96	3432	2.74	ng/uL	0.00
5) Phenol-d5	7.52	99	36571	6.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.69	67	21985	5.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	30101	8.38	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	31030	7.30	ng/ul	0.00
19) Nitrobenzene-d5	9.54	128	14350	9.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.27	143	16463	10.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.81	165	34763	11.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	26813	7.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.37	166	128138	10.47	ng/ul	0.00
46) Acenaphthylene-d8	14.68	160	141436	10.04	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	14286	5.97	ng/ul	0.00
57) Fluorene-d10	15.97	176	118582	10.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.08	200	20377	8.62	ng/ul	0.00
70) Anthracene-d10	17.83	188	180186	10.15	ng/ul	0.00
76) Pyrene-d10	20.10	212	208616	9.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	191208	9.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	4328	2.983	ng/uL#	91
4) Benzaldehyde	7.51	77	24859	7.823	ng/ul	91
6) Phenol	7.55	94	37100	6.514	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.77	93	27821	6.642	ng/ul#	85
10) 2-Chlorophenol	7.94	128	28592	7.910	ng/ul#	83
11) 2-Methylphenol	8.80	108	26739	6.495	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.90	45	52796	7.573	ng/ul#	95
14) Acetophenone	9.19	105	45260	6.892	ng/ul	86
15) N-Nitroso-di-n-propylamine	9.16	70	23636	6.370	ng/ul#	93
16) 4-Methylphenol	9.13	108	29230	6.465	ng/ul	88
17) Hexachloroethane	9.47	117	11511	8.306	ng/ul	87
20) Nitrobenzene	9.58	77	34012	8.150	ng/ul	95
21) Isophorone	10.10	82	62012	7.535	ng/ul#	94
23) 2-Nitrophenol	10.30	139	16891	9.771	ng/ul#	70
24) 2,4-Dimethylphenol	10.34	107	36229	8.798	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.57	93	38165	7.538	ng/ul	96
27) 2,4-Dichlorophenol	10.84	162	35100	11.676	ng/ul#	91
28) Naphthalene	11.24	128	96545	9.210	ng/ul	99
30) 4-Chloroaniline	11.35	127	24854	6.690	ng/ul	92
31) Hexachlorobutadiene	11.52	225	27429	14.833	ng/ul	91
32) Caprolactam	12.09	113	9742	7.348	ng/ul	80
33) 4-Chloro-3-methylphenol	12.45	107	33151	8.373	ng/ul#	87
34) 2-Methylnaphthalene	12.82	142	78932	10.154	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.18	216	52094	12.043	ng/ul#	85
37) Hexachlorocyclopentadiene	13.16	237	24160	9.973	ng/ul	98
38) 2,4,6-Trichlorophenol	13.42	196	30541	10.670	ng/ul	98
39) 2,4,5-Trichlorophenol	13.50	196	34942	11.723	ng/ul	92
40) 1,1'-Biphenyl	13.81	154	108295	9.368	ng/ul	96
41) 2-Chloronaphthalene	13.86	162	85738	9.834	ng/ul	96
42) 2-Nitroaniline	14.06	65	23826	7.264	ng/ul#	76
44) Dimethylphthalate	14.41	163	116256	9.580	ng/ul	99
45) 2,6-Dinitrotoluene	14.54	165	22626	10.015	ng/ul#	87
47) Acenaphthylene	14.70	152	140313	9.936	ng/ul	97
48) 3-Nitroaniline	14.88	138	17442	7.114	ng/ul	96
49) Acenaphthene	15.04	153	95515	9.698	ng/ul	95
50) 2,4-Dinitrophenol	15.08	184	8032	5.132	ng/ul#	78
52) 4-Nitrophenol	15.18	109	11002m	5.780	ng/ul	
53) Dibenzofuran	15.38	168	142055	9.896	ng/ul	91
54) 2,4-Dinitrotoluene	15.33	165	33450	9.671	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.60	232	32461	11.198	ng/ul#	94
56) Diethylphthalate	15.77	149	121902	9.505	ng/ul	98
58) Fluorene	16.02	166	121772	10.222	ng/ul	97
59) 4-Chlorophenyl-phenylether	16.01	204	67545	11.280	ng/ul#	78
60) 4-Nitroaniline	16.04	138	21487	7.156	ng/ul#	65
63) 4,6-Dinitro-2-methylphenol	16.09	198	19967	8.004	ng/ul#	90
64) N-Nitrosodiphenylamine	16.22	169	98872	9.028	ng/ul	98
65) 4-Bromophenyl-phenylether	16.91	248	44543	11.551	ng/ul	92
66) Hexachlorobenzene	17.03	284	47822	11.772	ng/ul	97
67) Atrazine	17.16	200	40363	9.622	ng/ul	93
68) Pentachlorophenol	17.38	266	18459	6.847	ng/ul	89
69) Phenanthrene	17.77	178	193955	9.480	ng/ul	97
71) Anthracene	17.86	178	198476	9.540	ng/ul	98
72) Carbazole	18.13	167	156245	8.732	ng/ul	98
73) Di-n-butylphthalate	18.66	149	171226	7.739	ng/ul#	96
74) Fluoranthene	19.77	202	232982	10.121	ng/ul	98
77) Pyrene	20.12	202	248317	9.079	ng/ul	99
78) Butylbenzylphthalate	20.99	149	74024	7.182	ng/ul	87
79) 3,3'-Dichlorobenzidine	21.94	252	67173	7.887	ng/ul	96
80) Benzo(a)anthracene	22.03	228	249398	9.679	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.90	149	104230	7.041	ng/ul	96
82) Chrysene	22.11	228	231541	9.950	ng/ul	99
84) Di-n-octyl phthalate	23.21	149	175527	6.546	ng/ul	100
85) Benzo(b)fluoranthene	24.46	252	236086	9.263	ng/ul	99
86) Benzo(k)fluoranthene	24.53	252	234433	9.569	ng/ul	94
88) Benzo(a)pyrene	25.41	252	228217	9.326	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.61	276	255540	9.147	ng/ul	99
90) Dibenzo(a,h)anthracene	29.68	278	213281	8.892	ng/ul#	99
91) Benzo(g,h,i)perylene	30.88	276	215519	9.422	ng/ul	96

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

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