Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072717\
Data File : BG028036.D
Acq On : 27 Jul 2017 21:08
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02078

Manual Integrations APPROVED
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Quant Time: Jul 27 21:42:08 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 27 20:38:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	34469	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	147464	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.98	164	110823	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.73	188	315504	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	428566	20.00	ng/ul	0.00
86) Perylene-d12	25.58	264	416614	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	4370	8.22	ng/uL	0.00
5) Phenol-d5	7.51	99	46745	17.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	23005	17.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	40553	18.48	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	41836	18.00	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	21284	20.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	26165	19.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	52577	20.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	59208	22.72	ng/ul	0.00
44) Dimethylphthalate-d6	14.36	166	205597	20.50	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	222282	20.49	ng/ul	0.00
52) 4-Nitrophenol-d4	15.16	143	28919	19.19	ng/ul	0.00
58) Fluorene-d10	15.96	176	192941	20.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	42404	18.87	ng/ul	0.00
71) Anthracene-d10	17.83	188	309299	20.47	ng/ul	0.00
79) Pyrene-d10	20.10	212	383993	20.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.33	264	391079	20.41	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	4454	7.811	ng/uL#	84
4) Benzaldehyde	7.51	77	27192	21.106	ng/ul	87
6) Phenol	7.54	94	46659	18.478	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.78	93	34003	19.024	ng/ul	94
10) 2-Chlorophenol	7.93	128	37914	18.752	ng/ul	95
11) 2-Methylphenol	8.79	108	35070	17.813	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.89	45	43952	18.732	ng/ul	97
14) Acetophenone	9.19	105	62818	18.603	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.16	70	28748	18.136	ng/ul	98
16) 4-Methylphenol	9.12	108	40935	18.740	ng/ul	100
17) Hexachloroethane	9.46	117	15109	18.679	ng/ul#	58
20) Nitrobenzene	9.58	77	42633	19.261	ng/ul	90
21) Isophorone	10.09	82	82675	19.546	ng/ul#	89
23) 2-Nitrophenol	10.29	139	26378	20.853	ng/ul#	84
24) 2,4-Dimethylphenol	10.33	107	50295	19.879	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.57	93	49562	20.171	ng/ul	97
27) 2,4-Dichlorophenol	10.83	162	51230	20.808	ng/ul	90
28) Naphthalene	11.24	128	134285	20.175	ng/ul	99
30) 4-Chloroaniline	11.34	127	58050	23.407	ng/ul	90
31) Hexachlorobutadiene	11.51	225	43077	20.223	ng/ul	97
32) Caprolactam	12.10	113	15916m	20.142	ng/ul	
33) 4-Chloro-3-methylphenol	12.44	107	48907	20.387	ng/ul	89
34) 2-Methylnaphthalene	12.82	142	114313	19.901	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.04	142	112986	20.286	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	87748	20.552	ng/ul	93
38) Hexachlorocyclopentadiene	13.15	237	46605	18.617	ng/ul#	92
39) 2,4,6-Trichlorophenol	13.41	196	51148	20.071	ng/ul	95
40) 2,4,5-Trichlorophenol	13.49	196	52047	19.224	ng/ul	99
41) 1,1'-Biphenyl	13.81	154	162927	20.227	ng/ul#	96
42) 2-Chloronaphthalene	13.86	162	131723	20.276	ng/ul	97
43) 2-Nitroaniline	14.06	65	30911	20.189	ng/ul	93
45) Dimethylphthalate	14.41	163	189453	20.619	ng/ul	100
46) 2,6-Dinitrotoluene	14.54	165	37698	20.438	ng/ul	92
48) Acenaphthylene	14.70	152	212887	20.703	ng/ul	99
49) 3-Nitroaniline	14.88	138	33985	22.170	ng/ul	89
50) Acenaphthene	15.04	153	141552	20.102	ng/ul	96
51) 2,4-Dinitrophenol	15.08	184	20755	17.629	ng/ul	94
53) 4-Nitrophenol	15.17	109	25148	20.523	ng/ul	94
54) Dibenzofuran	15.37	168	218846	20.441	ng/ul	95
55) 2,4-Dinitrotoluene	15.33	165	58039	21.069	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.60	232	58134	20.164	ng/ul#	93
57) Diethylphthalate	15.77	149	196902	20.412	ng/ul	97
59) Fluorene	16.02	166	190687	20.529	ng/ul	97
60) 4-Chlorophenyl-phenylether	16.00	204	110977	20.002	ng/ul	98
61) 4-Nitroaniline	16.04	138	37854	20.791	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	16.09	198	42260	19.632	ng/ul#	88
65) N-Nitrosodiphenylamine	16.22	169	162190	20.365	ng/ul	98
66) 4-Bromophenyl-phenylether	16.90	248	84620	20.858	ng/ul	94
67) Hexachlorobenzene	17.03	284	93346	20.233	ng/ul	96
68) Atrazine	17.16	200	78012	20.531	ng/ul	97
69) Pentachlorophenol	17.37	266	43424	18.028	ng/ul	98
70) Phenanthrene	17.77	178	325639	20.760	ng/ul	99
72) Anthracene	17.86	178	333676	20.430	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	89026	20.231	ng/uL	96
74) Pentachlorobenzene	15.29	250	132817	20.310	ng/uL	96
75) Carbazole	18.13	167	277827	20.773	ng/ul	99
76) Di-n-butylphthalate	18.66	149	310358	20.899	ng/ul	99
77) Fluoranthene	19.76	202	432214	21.559	ng/ul#	94
80) Pyrene	20.13	202	450717	20.262	ng/ul#	95
81) Butylbenzylphthalate	21.00	149	130309	19.713	ng/ul#	86
82) 3,3'-Dichlorobenzidine	21.94	252	164342	20.961	ng/ul#	94
83) Benzo(a)anthracene	22.04	228	461307	20.264	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.90	149	187409	19.380	ng/ul#	94
85) Chrysene	22.11	228	413618	19.863	ng/ul	99
87) Di-n-octyl phthalate	23.21	149	323604	19.707	ng/ul	100
88) Benzo(b)fluoranthene	24.45	252	460817	19.868	ng/ul#	97
89) Benzo(k)fluoranthene	24.53	252	468747	20.731	ng/ul#	98
91) Benzo(a)pyrene	25.42	252	453316	20.312	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	29.62	276	549907	20.304	ng/ul#	94
93) Dibenzo(a,h)anthracene	29.68	278	473031	20.363	ng/ul#	94
94) Benzo(g,h,i)perylene	30.89	276	449695	20.028	ng/ul#	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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