Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG090917\
Data File : BG028614.D
Acq On : 9 Sep 2017 12:22
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 11 02:15:41 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG090817.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 01:26:59 2017
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTD02061

Manual Integrations APPROVED

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9/11/2017 2:44:15 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	32208	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	135041	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.94	164	97416	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.69	188	257976	20.00	ng/ul	0.00
75) Chrysene-d12	22.02	240	306350	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	296847	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	5588	7.88	ng/uL	0.00
5) Phenol-d5	7.49	99	60423	19.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	36827	19.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	43796	20.10	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	50898	20.20	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	23133	20.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	26551	19.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	51078	20.27	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	44117	19.91	ng/ul	0.00
43) Dimethylphthalate-d6	14.33	166	179012	20.05	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	202150	19.91	ng/ul	0.00
51) 4-Nitrophenol-d4	15.14	143	26854	19.44	ng/ul	0.00
57) Fluorene-d10	15.94	176	159285	20.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	35781	19.71	ng/ul	0.00
70) Anthracene-d10	17.79	188	267251m	20.62	ng/ul	0.00
76) Pyrene-d10	20.07	212	305602	20.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	284495	19.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.85	88	6207	7.504	ng/uL#	81
4) Benzaldehyde	7.48	77	40934	20.941	ng/ul	89
6) Phenol	7.52	94	59942	19.544	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.74	93	42643	19.544	ng/ul#	95
10) 2-Chlorophenol	7.90	128	42667	20.392	ng/ul	93
11) 2-Methylphenol	8.77	108	43359	19.653	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.86	45	81977	20.028	ng/ul#	95
14) Acetophenone	9.16	105	76092	21.021	ng/ul#	88
15) N-Nitroso-di-n-propylamine	9.13	70	42881	21.628	ng/ul#	87
16) 4-Methylphenol	9.09	108	48087	19.764	ng/ul	100
17) Hexachloroethane	9.42	117	18919	20.924	ng/ul	94
20) Nitrobenzene	9.55	77	62082	19.865	ng/ul	97
21) Isophorone	10.06	82	118071	20.523	ng/ul	98
23) 2-Nitrophenol	10.26	139	26372	20.517	ng/ul	96
24) 2,4-Dimethylphenol	10.31	107	60587	20.252	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.54	93	62713	20.265	ng/ul#	91
27) 2,4-Dichlorophenol	10.80	162	46929	20.262	ng/ul	88
28) Naphthalene	11.21	128	138660	19.622	ng/ul	99
30) 4-Chloroaniline	11.31	127	42236	20.005	ng/ul#	86
31) Hexachlorobutadiene	11.47	225	37578	19.620	ng/ul	90
32) Caprolactam	12.07	113	18498	21.409	ng/ul	92
33) 4-Chloro-3-methylphenol	12.41	107	58044	20.660	ng/ul	95
34) 2-Methylnaphthalene	12.79	142	110109	20.258	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.15	216	71420	19.583	ng/ul#	94
37) Hexachlorocyclopentadiene	13.12	237	20477	14.131	ng/ul#	96
38) 2,4,6-Trichlorophenol	13.39	196	46453	20.067	ng/ul	91
39) 2,4,5-Trichlorophenol	13.47	196	50229	20.482	ng/ul	95
40) 1,1'-Biphenyl	13.78	154	150598	19.879	ng/ul	97
41) 2-Chloronaphthalene	13.83	162	113915	19.211	ng/ul	91
42) 2-Nitroaniline	14.03	65	46906	20.628	ng/ul	96
44) Dimethylphthalate	14.38	163	164675	20.028	ng/ul	99
45) 2,6-Dinitrotoluene	14.52	165	36061	20.298	ng/ul	95
47) Acenaphthylene	14.67	152	196109	20.470	ng/ul	100
48) 3-Nitroaniline	14.85	138	27850	21.244	ng/ul#	98
49) Acenaphthene	15.01	153	131072	19.999	ng/ul	98
50) 2,4-Dinitrophenol	15.07	184	15631	18.075	ng/ul	87
52) 4-Nitrophenol	15.16	109	26822m	21.076	ng/ul	
53) Dibenzofuran	15.34	168	194850	20.480	ng/ul	93
54) 2,4-Dinitrotoluene	15.31	165	53123	20.103	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.57	232	47197	20.613	ng/ul#	96
56) Diethylphthalate	15.73	149	178820	20.554	ng/ul	99
58) Fluorene	15.99	166	168620	20.423	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.97	204	91703	19.885	ng/ul#	84
60) 4-Nitroaniline	16.01	138	36084	20.537	ng/ul	87
63) 4,6-Dinitro-2-methylphenol	16.08	198	35416	19.448	ng/ul#	94
64) N-Nitrosodiphenylamine	16.19	169	144238	20.264	ng/ul	95
65) 4-Bromophenyl-phenylether	16.87	248	66344	20.958	ng/ul	94
66) Hexachlorobenzene	17.00	284	70200	20.841	ng/ul	96
67) Atrazine	17.13	200	64482	20.142	ng/ul	94
68) Pentachlorophenol	17.35	266	29165	19.050	ng/ul	93
69) Phenanthrene	17.74	178	275850	20.294	ng/ul	98
71) Anthracene	17.83	178	288081	20.502	ng/ul	99
72) Carbazole	18.10	167	245917	20.427	ng/ul	97
73) Di-n-butylphthalate	18.62	149	309428	20.594	ng/ul#	97
74) Fluoranthene	19.74	202	352964	20.498	ng/ul	99
77) Pyrene	20.10	202	363126	20.536	ng/ul	98
78) Butylbenzylphthalate	20.96	149	136515	20.008	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.91	252	106171	20.272	ng/ul	97
80) Benzo(a)anthracene	22.01	228	366684	20.199	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.86	149	191704	19.800	ng/ul	99
82) Chrysene	22.08	228	324981	19.874	ng/ul	98
84) Di-n-octyl phthalate	23.16	149	337608	19.914	ng/ul	100
85) Benzo(b)fluoranthene	24.41	252	357423	19.587	ng/ul	99
86) Benzo(k)fluoranthene	24.48	252	350033	19.761	ng/ul	99
88) Benzo(a)pyrene	25.37	252	350780	19.776	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.56	276	416247	19.692	ng/ul	96
90) Dibenzo(a,h)anthracene	29.62	278	354134	20.072	ng/ul	96
91) Benzo(g,h,i)perylene	30.83	276	345469	20.027	ng/ul	99

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

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