Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030717\
Data File : BG026095.D
Acq On : 7 Mar 2017 14:54
Operator : SJ/MA
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SICV09

Quant Time: Mar 07 16:04:02 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 16:02:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	106807	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	447681	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	251573	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.40	188	612150	20.00	ng/ul	0.00
77) Chrysene-d12	21.64	240	835022	20.00	ng/ul	0.00
85) Perylene-d12	24.82	264	850206	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	19123	7.70	ng/uL	0.00
5) Phenol-d5	7.21	99	158160	19.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	100781	20.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	133946	20.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	126480	20.38	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	66141	20.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	60795	22.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	125577	21.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	174372	21.51	ng/ul	0.00
43) Dimethylphthalate-d6	14.07	166	390685	23.87	ng/ul	0.00
46) Acenaphthylene-d8	14.36	160	500588	22.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	70220	21.79	ng/ul	0.00
57) Fluorene-d10	15.65	176	361630	22.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.76	200	56386	19.63	ng/ul	0.00
70) Anthracene-d10	17.49	188	572701	20.62	ng/ul	0.00
78) Pyrene-d10	19.77	212	696932	20.29	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.61	264	760119	20.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	21263	7.69	ng/uL#	72
4) Benzaldehyde	7.19	77	111613	22.05	ng/ul	98
6) Phenol	7.24	94	165307	20.10	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.47	93	132525	19.85	ng/ul#	86
10) 2-Chlorophenol	7.63	128	131160	20.90	ng/ul	91
11) 2-Methylphenol	8.49	108	121280	19.35	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.59	45	157860	20.29	ng/ul#	91
14) Acetophenone	8.88	105	201864	19.84	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.86	70	98267	20.48	ng/ul	99
16) 4-Methylphenol	8.82	108	136136	20.03	ng/ul	99
17) Hexachloroethane	9.15	117	52220	20.06	ng/ul	91
20) Nitrobenzene	9.25	77	139606	20.38	ng/ul	99
21) Isophorone	9.78	82	268600	20.76	ng/ul#	97
23) 2-Nitrophenol	9.97	139	66379	23.51	ng/ul#	92
24) 2,4-Dimethylphenol	10.02	107	135686	21.36	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.26	93	171770	20.36	ng/ul	97
27) 2,4-Dichlorophenol	10.51	162	124662	21.43	ng/ul	95
28) Naphthalene	10.91	128	438450	20.10	ng/ul	99
30) 4-Chloroaniline	11.01	127	165100	21.29	ng/ul	99
31) Hexachlorobutadiene	11.20	225	83709	19.89	ng/ul	99
32) Caprolactam	11.75	113	40642	19.43	ng/ul	94
33) 4-Chloro-3-methylphenol	12.12	107	121620	21.40	ng/ul	91
34) 2-Methylnaphthalene	12.51	142	330869	20.29	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.87	216	159841	22.48	ng/ul	96
37) Hexachlorocyclopentadiene	12.86	237	85528	22.86	ng/ul	99
38) 2,4,6-Trichlorophenol	13.10	196	88436	23.92	ng/ul	97
39) 2,4,5-Trichlorophenol	13.17	196	99635	25.08	ng/ul	98
40) 1,1'-Biphenyl	13.50	154	425563	23.01	ng/ul	97
41) 2-Chloronaphthalene	13.55	162	308775	22.39	ng/ul	93
42) 2-Nitroaniline	13.74	65	77103	24.55	ng/ul	92
44) Dimethylphthalate	14.11	163	376419	23.48	ng/ul	99
45) 2,6-Dinitrotoluene	14.23	165	77587	23.69	ng/ul	94
47) Acenaphthylene	14.39	152	508267	22.95	ng/ul	98
48) 3-Nitroaniline	14.55	138	85872	23.64	ng/ul#	99
49) Acenaphthene	14.73	153	349242	22.49	ng/ul	98
50) 2,4-Dinitrophenol	14.76	184	29270	19.19	ng/ul	91
52) 4-Nitrophenol	14.85	109	41928	22.53	ng/ul#	67
53) Dibenzofuran	15.06	168	492223	22.64	ng/ul	90
54) 2,4-Dinitrotoluene	15.01	165	116016	23.67	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.28	232	83727	23.58	ng/ul	94
56) Diethylphthalate	15.47	149	376737	23.96	ng/ul	98
58) Fluorene	15.71	166	409117	22.67	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.69	204	188109	21.83	ng/ul#	87
60) 4-Nitroaniline	15.71	138	99634	23.53	ng/ul#	80
63) 4,6-Dinitro-2-methylphenol	15.78	198	61790	19.90	ng/ul#	95
64) N-Nitrosodiphenylamine	15.90	169	345436	20.53	ng/ul	96
65) 4-Bromophenyl-phenylether	16.59	248	125740	19.88	ng/ul#	84
66) Hexachlorobenzene	16.71	284	136515	19.68	ng/ul#	90
67) Atrazine	16.84	200	127042	20.91	ng/ul	98
68) Pentachlorophenol	17.04	266	68748	19.44	ng/ul	96
69) Phenanthrene	17.44	178	661549	20.39	ng/ul	99
71) Anthracene	17.53	178	677606	20.72	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.47	216	148448	20.27	ng/uL	98
73) Pentachlorobenzene	14.98	250	152592	20.32	ng/uL	98
74) Carbazole	17.79	167	655729	22.33	ng/ul	96
75) Di-n-butylphthalate	18.35	149	700364	23.57	ng/ul	99
76) Fluoranthene	19.44	202	852797	23.31	ng/ul	99
79) Pyrene	19.79	202	881138	20.69	ng/ul	98
80) Butylbenzylphthalate	20.67	149	329016	23.61	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.53	252	315178	21.87	ng/ul	100
82) Benzo(a)anthracene	21.62	228	941697	20.61	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.53	149	508013	23.36	ng/ul#	93
84) Chrysene	21.69	228	892082	20.41	ng/ul	97
86) Di-n-octyl phthalate	22.72	149	872750	22.92	ng/ul	99
87) Benzo(b)fluoranthene	23.81	252	960654	20.38	ng/ul	99
88) Benzo(k)fluoranthene	23.88	252	962664	20.96	ng/ul	99
90) Benzo(a)pyrene	24.68	252	956262	20.64	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.45	276	1128594	20.21	ng/ul#	93
92) Dibenzo(a,h)anthracene	28.51	278	939625	20.39	ng/ul	98
93) Benzo(g,h,i)perylene	29.58	276	937643	20.21	ng/ul	99

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

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