Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073117\
Data File : BG028100.D
Acq On : 1 Aug 2017 10:29
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02085

Manual Integrations APPROVED
Sohil
8/1/2017 2:55:40 PM

Quant Time: Aug 01 11:12:21 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 01 02:25:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	28078	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	134405	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.97	164	110503	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	319336	20.00	ng/ul	0.00
78) Chrysene-d12	22.05	240	417688	20.00	ng/ul	0.00
86) Perylene-d12	25.57	264	411854	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	3307	7.63	ng/uL	0.00
5) Phenol-d5	7.50	99	42381	19.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	20601	19.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	37916	21.21	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	39271	20.74	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	19263	20.51	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	24784	20.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	49110	20.85	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	59852	25.20	ng/ul	0.00
44) Dimethylphthalate-d6	14.36	166	199526	19.95	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	213245	19.71	ng/ul	0.00
52) 4-Nitrophenol-d4	15.15	143	28693	19.10	ng/ul	0.00
58) Fluorene-d10	15.96	176	181521	19.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	43388	19.08	ng/ul	0.00
71) Anthracene-d10	17.82	188	305465	19.98	ng/ul	0.00
79) Pyrene-d10	20.09	212	379467	20.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.32	264	383920	20.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.88	88	3305	7.115	ng/uL#	82
4) Benzaldehyde	7.51	77	23703	22.585	ng/ul	96
6) Phenol	7.53	94	41835	20.338	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.77	93	29442	20.221	ng/ul#	85
10) 2-Chlorophenol	7.93	128	34782	21.118	ng/ul#	86
11) 2-Methylphenol	8.79	108	32394	20.199	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.88	45	33107	17.321	ng/ul	95
14) Acetophenone	9.18	105	57946	21.067	ng/ul#	91
15) N-Nitroso-di-n-propylamine	9.16	70	26285	20.357	ng/ul#	86
16) 4-Methylphenol	9.12	108	36623	20.582	ng/ul	92
17) Hexachloroethane	9.45	117	12582	19.096	ng/ul#	65
20) Nitrobenzene	9.57	77	38246	18.958	ng/ul#	81
21) Isophorone	10.09	82	76194	19.764	ng/ul#	92
23) 2-Nitrophenol	10.29	139	24754	21.471	ng/ul	89
24) 2,4-Dimethylphenol	10.32	107	48359	20.970	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.57	93	44103	19.694	ng/ul	98
27) 2,4-Dichlorophenol	10.82	162	46721	20.821	ng/ul#	96
28) Naphthalene	11.24	128	124229	20.478	ng/ul#	96
30) 4-Chloroaniline	11.34	127	54407	24.069	ng/ul#	88
31) Hexachlorobutadiene	11.51	225	37792	19.466	ng/ul	96
32) Caprolactam	12.09	113	15458m	21.463	ng/ul	
33) 4-Chloro-3-methylphenol	12.43	107	46657	21.339	ng/ul	88
34) 2-Methylnaphthalene	12.82	142	106714	20.383	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.03	142	104581	20.601	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	13.17	216	79134	18.588	ng/ul#	95
38) Hexachlorocyclopentadiene	13.15	237	38426	15.394	ng/ul	98
39) 2,4,6-Trichlorophenol	13.41	196	49514	19.486	ng/ul	98
40) 2,4,5-Trichlorophenol	13.49	196	51990	19.259	ng/ul	95
41) 1,1'-Biphenyl	13.80	154	155288	19.334	ng/ul#	95
42) 2-Chloronaphthalene	13.86	162	123539	19.071	ng/ul	97
43) 2-Nitroaniline	14.06	65	28773	18.847	ng/ul	87
45) Dimethylphthalate	14.41	163	182520	19.922	ng/ul	99
46) 2,6-Dinitrotoluene	14.54	165	38267	20.807	ng/ul#	91
48) Acenaphthylene	14.70	152	204582	19.953	ng/ul	98
49) 3-Nitroaniline	14.87	138	33470	21.898	ng/ul	81
50) Acenaphthene	15.04	153	137534	19.588	ng/ul	98
51) 2,4-Dinitrophenol	15.08	184	20616	17.561	ng/ul	96
53) 4-Nitrophenol	15.17	109	24112	19.735	ng/ul	90
54) Dibenzofuran	15.37	168	213388	19.989	ng/ul	92
55) 2,4-Dinitrotoluene	15.32	165	58472	21.288	ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	15.59	232	56311	19.588	ng/ul#	96
57) Diethylphthalate	15.76	149	189022	19.652	ng/ul	98
59) Fluorene	16.02	166	185618	20.041	ng/ul	96
60) 4-Chlorophenyl-phenylether	16.00	204	110457	19.966	ng/ul	96
61) 4-Nitroaniline	16.04	138	37427	20.616	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	16.09	198	42207	19.372	ng/ul#	87
65) N-Nitrosodiphenylamine	16.21	169	162173	20.119	ng/ul	98
66) 4-Bromophenyl-phenylether	16.89	248	80198	19.531	ng/ul	94
67) Hexachlorobenzene	17.02	284	94482	20.233	ng/ul#	91
68) Atrazine	17.15	200	74590	19.395	ng/ul	92
69) Pentachlorophenol	17.37	266	42042	17.245	ng/ul	92
70) Phenanthrene	17.76	178	317109	19.974	ng/ul	98
72) Anthracene	17.86	178	326380	19.743	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.77	216	83788	18.812	ng/uL	95
74) Pentachlorobenzene	15.29	250	129395	19.549	ng/uL	97
75) Carbazole	18.12	167	269324	19.895	ng/ul	98
76) Di-n-butylphthalate	18.65	149	309324	20.579	ng/ul	99
77) Fluoranthene	19.76	202	419807	20.689	ng/ul#	92
80) Pyrene	20.12	202	434453	20.040	ng/ul#	92
81) Butylbenzylphthalate	20.99	149	129461	20.095	ng/ul	87
82) 3,3'-Dichlorobenzidine	21.93	252	157392	20.597	ng/ul#	98
83) Benzo(a)anthracene	22.03	228	448122	20.198	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.89	149	186912	19.832	ng/ul#	93
85) Chrysene	22.10	228	403285	19.871	ng/ul	99
87) Di-n-octyl phthalate	23.20	149	318888	19.644	ng/ul	100
88) Benzo(b)fluoranthene	24.44	252	458013	19.975	ng/ul#	98
89) Benzo(k)fluoranthene	24.51	252	446428	19.972	ng/ul#	98
91) Benzo(a)pyrene	25.40	252	441523	20.013	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.59	276	546174	20.399	ng/ul#	94
93) Dibenzo(a,h)anthracene	29.66	278	473303	20.610	ng/ul#	95
94) Benzo(g,h,i)perylene	30.87	276	452197	20.372	ng/ul#	95

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

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