Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080217\
Data File : BG028102.D
Acq On : 2 Aug 2017 10:43
Operator : SJ/JU
Sample : SSTD00586
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00586

Manual Integrations APPROVED
Sohil
8/3/2017 8:28:05 PM

Quant Time: Aug 02 13:48:28 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 02 13:32:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	26028	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	120867	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	91811	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	260078	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	291459	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	274833	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	1273	2.70	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.90	132	8185	4.87	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.54	128	4403	4.95	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	4348	4.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	10052	4.80	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.36	166	39234	4.93	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	42069	4.65	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.96	176	36022	4.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.82	188	61445m	4.90	ng/ul	0.00
76) Pyrene-d10	20.09	212	72317	5.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	58398	4.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	1278	2.231	ng/uL#	51
10) 2-Chlorophenol	7.93	128	8380	5.364	ng/ul	87
15) N-Nitroso-di-n-propylamine	9.15	70	8510	6.650	ng/ul#	96
17) Hexachloroethane	9.45	117	3639	5.784	ng/ul#	81
20) Nitrobenzene	9.58	77	12887	6.268	ng/ul	99
21) Isophorone	10.09	82	23473	6.268	ng/ul	94
23) 2-Nitrophenol	10.28	139	4865	4.724	ng/ul#	71
24) 2,4-Dimethylphenol	10.33	107	12306	5.711	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.57	93	13228	5.888	ng/ul#	94
27) 2,4-Dichlorophenol	10.82	162	9062	4.471	ng/ul	98
28) Naphthalene	11.23	128	29347	5.124	ng/ul	98
31) Hexachlorobutadiene	11.51	225	7366	4.544	ng/ul#	84
33) 4-Chloro-3-methylphenol	12.43	107	11126	5.758	ng/ul	92
34) 2-Methylnaphthalene	12.81	142	22564	4.872	ng/ul	98
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	14353	4.156	ng/ul	87
38) 2,4,6-Trichlorophenol	13.41	196	7668	3.681	ng/ul	95
39) 2,4,5-Trichlorophenol	13.49	196	8556m	3.822	ng/ul	
40) 1,1'-Biphenyl	13.80	154	31717	4.521	ng/ul	97
41) 2-Chloronaphthalene	13.85	162	26030	4.693	ng/ul#	91
42) 2-Nitroaniline	14.05	65	9121	5.754	ng/ul	92
44) Dimethylphthalate	14.41	163	36849	5.084	ng/ul	100
45) 2,6-Dinitrotoluene	14.54	165	6411	4.373	ng/ul	97
47) Acenaphthylene	14.69	152	42180	4.746	ng/ul	97

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49) Acenaphthene	15.03	153	27605	4.591	ng/ul	98
53) Dibenzofuran	15.36	168	43227	4.862	ng/ul	99
54) 2,4-Dinitrotoluene	15.32	165	10513	4.919	ng/ul#	100
55) 2,3,4,6-Tetrachlorophenol	15.59	232	8161	3.826	ng/ul#	98
56) Diethylphthalate	15.76	149	48540	6.423	ng/ul	100
58) Fluorene	16.01	166	38808	5.077	ng/ul	89
59) 4-Chlorophenyl-phenylether	16.00	204	21112	4.981	ng/ul	89
64) N-Nitrosodiphenylamine	16.21	169	31979	4.562	ng/ul	99
65) 4-Bromophenyl-phenylether	16.90	248	12715	4.012	ng/ul#	88
66) Hexachlorobenzene	17.03	284	14217	4.266	ng/ul#	87
69) Phenanthrene	17.76	178	64541	4.842	ng/ul	97
71) Anthracene	17.85	178	64914	4.751	ng/ul	98
73) Di-n-butylphthalate	18.65	149	69130	5.597	ng/ul#	96
77) Pyrene	20.12	202	85403	5.531	ng/ul#	96
78) Butylbenzylphthalate	20.99	149	27993	5.655	ng/ul	92
80) Benzo(a)anthracene	22.03	228	80879	5.130	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.89	149	43640	6.186	ng/ul#	96
82) Chrysene	22.10	228	73240	5.104	ng/ul	99
85) Benzo(b)fluoranthene	24.44	252	77152	4.919	ng/ul	95
86) Benzo(k)fluoranthene	24.51	252	71862m	4.671	ng/ul	
88) Benzo(a)pyrene	25.39	252	73104	4.824	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.58	276	86854	5.054	ng/ul	97
90) Dibenzo(a,h)anthracene	29.65	278	70892	4.914	ng/ul	91
91) Benzo(g,h,i)perylene	30.85	276	70509	4.973	ng/ul	96

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

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