Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032717\
Data File : BG026431.D
Acq On : 27 Mar 2017 13:17
Operator : SJ/MA
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00501

Manual Integrations APPROVED
mohammad
3/28/2017 2:44:14 PM

Quant Time: Mar 27 16:01:01 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 27 15:45:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	146832	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	630613	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.65	164	363494	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	874696	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1030168	20.00	ng/ul	0.00
85) Perylene-d12	24.80	264	1004874	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	6541	1.92	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	7.58	132	46754	5.30	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.20	128	20397	4.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	22832	6.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	45981	5.50	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.05	166	142256	6.02	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	180633	5.69	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.63	176	136398	5.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.48	188	207959	5.24	ng/ul	0.00
78) Pyrene-d10	19.76	212	239619	5.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.58	264	213380	4.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	6914	1.82	ng/uL#	79
10) 2-Chlorophenol	7.61	128	46273	5.36	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.83	70	29616	4.49	ng/ul#	90
17) Hexachloroethane	9.12	117	16975	4.74	ng/ul#	81
20) Nitrobenzene	9.24	77	42945	4.45	ng/ul	94
21) Isophorone	9.76	82	82156	4.51	ng/ul#	96
23) 2-Nitrophenol	9.96	139	23720	5.96	ng/ul#	88
24) 2,4-Dimethylphenol	10.01	107	48668	5.44	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.24	93	56988	4.79	ng/ul	98
27) 2,4-Dichlorophenol	10.49	162	47017	5.74	ng/ul	95
28) Naphthalene	10.89	128	154613	5.03	ng/ul	98
31) Hexachlorobutadiene	11.18	225	29434	4.97	ng/ul	96
33) 4-Chloro-3-methylphenol	12.11	107	44805	5.60	ng/ul	87
34) 2-Methylnaphthalene	12.49	142	119027	5.18	ng/ul	99
36) 1,2,4,5-Tetrachlorobenzene	12.85	216	57645	5.61	ng/ul	97
38) 2,4,6-Trichlorophenol	13.09	196	35700	6.68	ng/ul	96
39) 2,4,5-Trichlorophenol	13.17	196	37399m	6.52	ng/ul	
40) 1,1'-Biphenyl	13.49	154	154910	5.80	ng/ul	97
41) 2-Chloronaphthalene	13.53	162	114390	5.74	ng/ul	92
42) 2-Nitroaniline	13.73	65	22832	5.03	ng/ul	98
44) Dimethylphthalate	14.09	163	142662	6.16	ng/ul	99
45) 2,6-Dinitrotoluene	14.22	165	25189	5.32	ng/ul#	84
47) Acenaphthylene	14.37	152	180477	5.64	ng/ul	97

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49) Acenaphthene	14.71	153	126651	5.64	ng/ul	99
53) Dibenzofuran	15.04	168	180419	5.74	ng/ul	91
54) 2,4-Dinitrotoluene	15.00	165	38153	5.39	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.27	232	36604	7.14	ng/ul#	89
56) Diethylphthalate	15.45	149	138754	6.11	ng/ul#	93
58) Fluorene	15.69	166	152670	5.85	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.68	204	73670	5.92	ng/ul#	86
64) N-Nitrosodiphenylamine	15.89	169	125337	5.21	ng/ul	98
65) 4-Bromophenyl-phenylether	16.57	248	47959	5.31	ng/ul#	84
66) Hexachlorobenzene	16.70	284	53236	5.37	ng/ul#	87
69) Phenanthrene	17.42	178	243826	5.26	ng/ul	99
71) Anthracene	17.51	178	250095	5.35	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	58321	5.57	ng/uL	99
73) Pentachlorobenzene	14.97	250	66504	6.20	ng/uL	99
75) Di-n-butylphthalate	18.33	149	241797	5.70	ng/ul#	98
79) Pyrene	19.78	202	314051	5.98	ng/ul	98
80) Butylbenzylphthalate	20.66	149	109453	6.37	ng/ul	92
82) Benzo(a)anthracene	21.61	228	293047	5.20	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.51	149	159367	5.94	ng/ul#	96
84) Chrysene	21.67	228	275692	5.11	ng/ul	99
87) Benzo(b)fluoranthene	23.79	252	291055	5.22	ng/ul	99
88) Benzo(k)fluoranthene	23.86	252	276244	5.09	ng/ul	97
90) Benzo(a)pyrene	24.65	252	278435	5.08	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.41	276	330034	5.00	ng/ul#	90
92) Dibenzo(a,h)anthracene	28.47	278	272434	5.00	ng/ul	97
93) Benzo(g,h,i)perylene	29.55	276	272965	4.98	ng/ul	98

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

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