Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032816\
Data File : BG021530.D
Acq On : 28 Mar 2016 17:36
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02022

Manual Integrations APPROVED
Sohil
3/29/2016 5:06:44 PM

Quant Time: Mar 29 02:01:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 29 01:39:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	8351	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	39887	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	26708	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	70651	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	82603	20.00	ng/ul	0.00
86) Perylene-d12	24.90	264	75248	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	1645	8.84	ng/uL	0.00
5) Phenol-d5	7.34	99	14788	18.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	9087	19.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	11510	19.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	13462	19.91	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	5750	19.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	6604	19.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	11969	19.57	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	16796	21.01	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	45117	20.29	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	52027	18.98	ng/ul	0.00
52) 4-Nitrophenol-d4	15.09	143	6508	18.31	ng/ul	0.00
58) Fluorene-d10	15.66	176	38880	19.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	8976	19.23	ng/ul	0.00
71) Anthracene-d10	17.51	188	65711	18.98	ng/ul	0.00
79) Pyrene-d10	19.79	212	81164	21.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.67	264	65029	18.72	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	2373	9.44	ng/uL#	80
4) Benzaldehyde	7.20	77	9411	19.56	ng/ul	89
6) Phenol	7.36	94	15130	18.12	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.48	93	11159	18.47	ng/ul	93
10) 2-Chlorophenol	7.67	128	11459	18.60	ng/ul	93
11) 2-Methylphenol	8.58	108	11854	18.45	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.59	45	12844	17.62	ng/ul#	1
14) Acetophenone	8.88	105	20398	18.49	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.86	70	11836	19.35	ng/ul#	97
16) 4-Methylphenol	8.91	108	13275	18.22	ng/ul	95
17) Hexachloroethane	9.14	117	5015	19.39	ng/ul	98
20) Nitrobenzene	9.27	77	16287	19.27	ng/ul#	88
21) Isophorone	9.78	82	31572	19.38	ng/ul#	97
23) 2-Nitrophenol	9.98	139	7066	18.71	ng/ul	92
24) 2,4-Dimethylphenol	10.08	107	16078	18.87	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.26	93	16340	19.25	ng/ul	99
27) 2,4-Dichlorophenol	10.60	162	12509	19.70	ng/ul	97
28) Naphthalene	10.91	128	39695	18.77	ng/ul	98
30) 4-Chloroaniline	11.04	127	17352	20.68	ng/ul	96
31) Hexachlorobutadiene	11.18	225	8988	19.22	ng/ul	95
32) Caprolactam	11.78	113	5466m	22.92	ng/ul	
33) 4-Chloro-3-methylphenol	12.24	107	15992	20.62	ng/ul	96
34) 2-Methylnaphthalene	12.51	142	29978	19.10	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.73	142	29002	19.04	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	17434	18.65	ng/ul	97
38) Hexachlorocyclopentadiene	12.85	237	3111	9.09	ng/ul#	91
39) 2,4,6-Trichlorophenol	13.15	196	10857	19.75	ng/ul	97
40) 2,4,5-Trichlorophenol	13.30	196	12569	20.95	ng/ul	97
41) 1,1'-Biphenyl	13.51	154	40260	18.43	ng/ul	96
42) 2-Chloronaphthalene	13.56	162	32767	19.18	ng/ul	97
43) 2-Nitroaniline	13.77	65	12436	20.87	ng/ul	88
45) Dimethylphthalate	14.12	163	46052	19.93	ng/ul	99
46) 2,6-Dinitrotoluene	14.26	165	9762	20.70	ng/ul	89
48) Acenaphthylene	14.40	152	53344	19.64	ng/ul	98
49) 3-Nitroaniline	14.59	138	9503	21.79	ng/ul#	89
50) Acenaphthene	14.74	153	36406	19.43	ng/ul	97
51) 2,4-Dinitrophenol	14.81	184	4679	19.70	ng/ul#	81
53) 4-Nitrophenol	15.10	109	7282	19.75	ng/ul	85
54) Dibenzofuran	15.07	168	50745	19.34	ng/ul	100
55) 2,4-Dinitrotoluene	15.04	165	14842	21.47	ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.32	232	9061	20.66	ng/ul#	89
57) Diethylphthalate	15.48	149	49486	20.04	ng/ul	99
59) Fluorene	15.72	166	44878	19.56	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.70	204	22535	18.70	ng/ul	96
61) 4-Nitroaniline	15.75	138	10149	22.20	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.80	198	9484	19.24	ng/ul#	98
65) N-Nitrosodiphenylamine	15.92	169	40461	18.49	ng/ul	98
66) 4-Bromophenyl-phenylether	16.59	248	15022	18.20	ng/ul	90
67) Hexachlorobenzene	16.71	284	16072	18.46	ng/ul	96
68) Atrazine	16.86	200	17785	20.15	ng/ul	96
69) Pentachlorophenol	17.09	266	4258	18.50	ng/ul	94
70) Phenanthrene	17.46	178	75454	18.86	ng/ul	99
72) Anthracene	17.55	178	78540	19.29	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	17779	17.97	ng/uL	89
74) Pentachlorobenzene	14.99	250	18313	17.83	ng/uL	96
75) Carbazole	17.82	167	69817	19.82	ng/ul	97
76) Di-n-butylphthalate	18.36	149	92003	20.25	ng/ul	99
77) Fluoranthene	19.46	202	99092	20.52	ng/ul#	95
80) Pyrene	19.82	202	102401	20.81	ng/ul#	91
81) Butylbenzylphthalate	20.69	149	40214	19.35	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.57	252	33871	19.77	ng/ul	98
83) Benzo(a)anthracene	21.65	228	97415	19.54	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	55735	18.33	ng/ul	97
85) Chrysene	21.72	228	89773	19.01	ng/ul	100
87) Di-n-octyl phthalate	22.74	149	97925	19.17	ng/ul	100
88) Benzo(b)fluoranthene	23.87	252	91292	18.89	ng/ul	98
89) Benzo(k)fluoranthene	23.94	252	89412m	18.83	ng/ul	
91) Benzo(a)pyrene	24.75	252	88688	18.90	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.57	276	99435	18.65	ng/ul#	95
93) Dibenzo(a,h)anthracene	28.62	278	84568	18.64	ng/ul#	96
94) Benzo(g,h,i)perylene	29.73	276	82347	18.78	ng/ul	98

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

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