Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG031816\
Data File : BG021442.D
Acq On : 18 Mar 2016 9:30
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02009

Manual Integrations APPROVED
mohammad
3/21/2016 2:47:20 PM

Quant Time: Mar 19 00:09:45 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 18 04:03:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	8235	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	38089	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	25651	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	64688	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	76288	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	73600	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	1334	7.27	ng/uL	0.00
5) Phenol-d5	7.33	99	13817	17.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	8752	18.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	10524	17.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	13386	20.07	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	5960	20.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	6412	19.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	12054	20.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	15892	20.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	42305	19.81	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	51937	19.73	ng/ul	0.00
52) 4-Nitrophenol-d4	15.07	143	5446	15.95	ng/ul	0.00
58) Fluorene-d10	15.68	176	37668	19.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	7426	17.38	ng/ul	0.00
71) Anthracene-d10	17.53	188	61584	19.43	ng/ul	0.00
79) Pyrene-d10	19.81	212	68147	19.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	64855	19.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	2094	8.45	ng/uL#	75
4) Benzaldehyde	7.23	77	8898	18.76	ng/ul	96
6) Phenol	7.36	94	14428	17.53	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.50	93	11114	18.65	ng/ul	87
10) 2-Chlorophenol	7.69	128	11659	19.19	ng/ul	91
11) 2-Methylphenol	8.59	108	11564	18.26	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.61	45	12897	17.95	ng/ul#	71
14) Acetophenone	8.91	105	20260	18.62	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.88	70	11558	19.16	ng/ul	93
16) 4-Methylphenol	8.92	108	12684	17.65	ng/ul	83
17) Hexachloroethane	9.17	117	4709	18.47	ng/ul	96
20) Nitrobenzene	9.29	77	15742	19.50	ng/ul	91
21) Isophorone	9.81	82	30514	19.61	ng/ul	97
23) 2-Nitrophenol	10.01	139	7441	20.64	ng/ul	89
24) 2,4-Dimethylphenol	10.09	107	15792	19.40	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.29	93	16048	19.80	ng/ul	96
27) 2,4-Dichlorophenol	10.60	162	12061	19.89	ng/ul	96
28) Naphthalene	10.94	128	39911	19.76	ng/ul	99
30) 4-Chloroaniline	11.06	127	17246	21.53	ng/ul	100
31) Hexachlorobutadiene	11.21	225	8797	19.70	ng/ul	97
32) Caprolactam	11.80	113	4220	18.53	ng/ul#	76
33) 4-Chloro-3-methylphenol	12.24	107	14449	19.51	ng/ul#	92
34) 2-Methylnaphthalene	12.53	142	30051	20.05	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	29510	20.29	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	17655	19.66	ng/ul	90
38) Hexachlorocyclopentadiene	12.87	237	4227	12.85	ng/ul	96
39) 2,4,6-Trichlorophenol	13.16	196	10271	19.46	ng/ul	91
40) 2,4,5-Trichlorophenol	13.31	196	11625	20.18	ng/ul	96
41) 1,1'-Biphenyl	13.53	154	41502	19.78	ng/ul	93
42) 2-Chloronaphthalene	13.58	162	31253	19.04	ng/ul	94
43) 2-Nitroaniline	13.80	65	11016	19.25	ng/ul#	83
45) Dimethylphthalate	14.15	163	43563	19.63	ng/ul	98
46) 2,6-Dinitrotoluene	14.28	165	8798	19.43	ng/ul	86
48) Acenaphthylene	14.42	152	51815	19.86	ng/ul	98
49) 3-Nitroaniline	14.61	138	8752	20.89	ng/ul	83
50) Acenaphthene	14.76	153	35248	19.59	ng/ul	100
51) 2,4-Dinitrophenol	14.82	184	3279	14.37	ng/ul	92
53) 4-Nitrophenol	15.08	109	6562m	18.53	ng/ul	
54) Dibenzofuran	15.09	168	50135	19.89	ng/ul	91
55) 2,4-Dinitrotoluene	15.06	165	13568	20.44	ng/ul	86
56) 2,3,4,6-Tetrachlorophenol	15.34	232	8560	20.32	ng/ul#	87
57) Diethylphthalate	15.50	149	46669	19.68	ng/ul	99
59) Fluorene	15.74	166	42927	19.48	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.73	204	22673	19.59	ng/ul	98
61) 4-Nitroaniline	15.78	138	8558	19.49	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.82	198	8270	18.33	ng/ul#	92
65) N-Nitrosodiphenylamine	15.95	169	38938	19.43	ng/ul	98
66) 4-Bromophenyl-phenylether	16.62	248	14844	19.64	ng/ul	88
67) Hexachlorobenzene	16.74	284	15680	19.67	ng/ul	91
68) Atrazine	16.89	200	15252	18.87	ng/ul	97
69) Pentachlorophenol	17.11	266	3186	15.12	ng/ul	93
70) Phenanthrene	17.48	178	70497	19.24	ng/ul	97
72) Anthracene	17.57	178	71832	19.27	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	17420	19.23	ng/uL	91
74) Pentachlorobenzene	15.01	250	16987	18.07	ng/uL	96
75) Carbazole	17.84	167	61856	19.18	ng/ul	97
76) Di-n-butylphthalate	18.38	149	77201	18.55	ng/ul	100
77) Fluoranthene	19.48	202	84394	19.09	ng/ul#	94
80) Pyrene	19.84	202	88407	19.45	ng/ul#	94
81) Butylbenzylphthalate	20.71	149	36474	19.00	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.59	252	31647	20.00	ng/ul	97
83) Benzo(a)anthracene	21.67	228	91163	19.80	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	53543	19.07	ng/ul	99
85) Chrysene	21.75	228	84421	19.36	ng/ul	97
87) Di-n-octyl phthalate	22.77	149	91513	18.32	ng/ul	100
88) Benzo(b)fluoranthene	23.90	252	91075	19.26	ng/ul	98
89) Benzo(k)fluoranthene	23.97	252	90474m	19.48	ng/ul	
91) Benzo(a)pyrene	24.78	252	89891	19.59	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.62	276	102055	19.57	ng/ul	94
93) Dibenzo(a,h)anthracene	28.67	278	86745	19.55	ng/ul#	92
94) Benzo(g,h,i)perylene	29.77	276	83235	19.41	ng/ul	99

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

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