Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032916\
Data File : BG021557.D
Acq On : 29 Mar 2016 18:17
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02025

Manual Integrations APPROVED
Sohil
3/30/2016 7:11:24 PM

Quant Time: Mar 30 01:31:10 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 30 01:11:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	9931	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	43449	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	27354	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	69084	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	82652	20.00	ng/ul	0.00
86) Perylene-d12	24.88	264	81647	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	1676	7.57	ng/uL	0.00
5) Phenol-d5	7.34	99	15733	16.76	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.38	67	10947	19.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	13018	18.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	14928	18.56	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	6694	20.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	7354	19.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	13367	20.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	16802	19.30	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	41590	18.26	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	52453	18.68	ng/ul	0.00
52) 4-Nitrophenol-d4	15.09	143	5110	14.04	ng/ul	0.01
58) Fluorene-d10	15.66	176	38209	18.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	7875	17.25	ng/ul	0.00
71) Anthracene-d10	17.51	188	63354	18.71	ng/ul	0.00
79) Pyrene-d10	19.79	212	75160	19.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.66	264	69532	18.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	2619	8.76	ng/uL#	81
4) Benzaldehyde	7.19	77	11386	19.90	ng/ul	95
6) Phenol	7.37	94	17508	17.64	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.47	93	12825	17.85	ng/ul	90
10) 2-Chlorophenol	7.66	128	13817	18.85	ng/ul	95
11) 2-Methylphenol	8.58	108	13433	17.59	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.58	45	14307	16.51	ng/ul#	1
14) Acetophenone	8.88	105	22788	17.37	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.85	70	12465	17.14	ng/ul#	89
16) 4-Methylphenol	8.91	108	13974	16.13	ng/ul	83
17) Hexachloroethane	9.13	117	5955	19.36	ng/ul	94
20) Nitrobenzene	9.27	77	18778	20.40	ng/ul	96
21) Isophorone	9.78	82	32056	18.06	ng/ul#	97
23) 2-Nitrophenol	9.98	139	7968	19.37	ng/ul#	89
24) 2,4-Dimethylphenol	10.08	107	17653	19.02	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.26	93	17499	18.93	ng/ul#	95
27) 2,4-Dichlorophenol	10.59	162	13184	19.06	ng/ul	94
28) Naphthalene	10.91	128	43943	19.08	ng/ul	98
30) 4-Chloroaniline	11.03	127	17730	19.40	ng/ul	99
31) Hexachlorobutadiene	11.18	225	9797	19.23	ng/ul	94
32) Caprolactam	11.79	113	4778m	18.39	ng/ul	
33) 4-Chloro-3-methylphenol	12.24	107	15761	18.66	ng/ul	98
34) 2-Methylnaphthalene	12.50	142	30968	18.11	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.73	142	30314	18.27	ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	18850	19.69	ng/ul	95
38) Hexachlorocyclopentadiene	12.84	237	5119	14.60	ng/ul#	97
39) 2,4,6-Trichlorophenol	13.14	196	11218	19.93	ng/ul	98
40) 2,4,5-Trichlorophenol	13.31	196	12142	19.76	ng/ul	96
41) 1,1'-Biphenyl	13.51	154	42097	18.81	ng/ul	98
42) 2-Chloronaphthalene	13.56	162	32892	18.79	ng/ul	98
43) 2-Nitroaniline	13.77	65	11472	18.79	ng/ul#	83
45) Dimethylphthalate	14.12	163	43759	18.49	ng/ul	97
46) 2,6-Dinitrotoluene	14.25	165	9448	19.56	ng/ul	89
48) Acenaphthylene	14.40	152	52087	18.73	ng/ul	97
49) 3-Nitroaniline	14.60	138	9117	20.41	ng/ul#	80
50) Acenaphthene	14.74	153	36045	18.79	ng/ul	97
51) 2,4-Dinitrophenol	14.81	184	4073	16.74	ng/ul#	79
53) 4-Nitrophenol	15.10	109	5903	15.63	ng/ul	95
54) Dibenzofuran	15.07	168	50520	18.80	ng/ul	95
55) 2,4-Dinitrotoluene	15.04	165	14022	19.80	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	15.32	232	8137	18.12	ng/ul#	81
57) Diethylphthalate	15.48	149	47177	18.65	ng/ul	100
59) Fluorene	15.72	166	43525	18.52	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.71	204	23348	18.92	ng/ul	97
61) 4-Nitroaniline	15.76	138	8877	18.96	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.81	198	8375	17.38	ng/ul#	96
65) N-Nitrosodiphenylamine	15.92	169	39548	18.48	ng/ul	97
66) 4-Bromophenyl-phenylether	16.59	248	14795	18.33	ng/ul	92
67) Hexachlorobenzene	16.72	284	15108	17.75	ng/ul	92
68) Atrazine	16.86	200	16332	18.92	ng/ul	98
69) Pentachlorophenol	17.09	266	3633	16.14	ng/ul	95
70) Phenanthrene	17.45	178	72764	18.60	ng/ul	99
72) Anthracene	17.54	178	75192	18.89	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	18028	18.64	ng/uL	88
74) Pentachlorobenzene	14.98	250	18021	17.95	ng/uL	95
75) Carbazole	17.83	167	65751	19.09	ng/ul	97
76) Di-n-butylphthalate	18.36	149	86449	19.45	ng/ul	99
77) Fluoranthene	19.45	202	92052	19.50	ng/ul	96
80) Pyrene	19.82	202	96306	19.56	ng/ul#	92
81) Butylbenzylphthalate	20.69	149	40677	19.56	ng/ul#	92
82) 3,3'-Dichlorobenzidine	21.56	252	31742	18.52	ng/ul	98
83) Benzo(a)anthracene	21.65	228	97026	19.45	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	59331	19.50	ng/ul	100
85) Chrysene	21.72	228	91149	19.29	ng/ul	97
87) Di-n-octyl phthalate	22.73	149	103925	18.75	ng/ul	100
88) Benzo(b)fluoranthene	23.85	252	96854	18.47	ng/ul	97
89) Benzo(k)fluoranthene	23.92	252	95689m	18.57	ng/ul	
91) Benzo(a)pyrene	24.73	252	95390	18.74	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	28.54	276	105668	18.26	ng/ul#	95
93) Dibenzo(a,h)anthracene	28.59	278	91915m	18.67	ng/ul	
94) Benzo(g,h,i)perylene	29.69	276	88520	18.60	ng/ul#	93

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

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