Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG112215\
Data File : BG019802.D
Acq On : 23 Nov 2015 4:25
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:15:05 PM

Quant Time: Nov 23 06:08:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 04:11:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	23396	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	104600	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.75	164	89823	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.50	188	242682	20.00	ng/ul	0.00
78) Chrysene-d12	21.77	240	304842	20.00	ng/ul	0.00
86) Perylene-d12	25.07	264	298258	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	3629	6.62	ng/uL	0.00
5) Phenol-d5	7.26	99	49147	20.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	28508	18.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	32260	20.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	42117	21.22	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	17748	20.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	20088	20.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	46815	22.40	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	41965	21.15	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	160875	19.80	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	177655	20.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.95	143	23707	18.52	ng/ul	0.00
58) Fluorene-d10	15.75	176	145507	20.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	31916	20.36	ng/ul	0.00
71) Anthracene-d10	17.60	188	241177	20.47	ng/ul	0.00
79) Pyrene-d10	19.87	212	278489	20.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.84	264	318673	20.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	4360	6.98	ng/uL	92
4) Benzaldehyde	7.24	77	36576	20.94	ng/ul	91
6) Phenol	7.29	94	53225	20.57	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.52	93	37015	20.55	ng/ul	93
10) 2-Chlorophenol	7.67	128	31126	20.73	ng/ul	92
11) 2-Methylphenol	8.56	108	40535	21.27	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.65	45	30541	19.42	ng/ul#	89
14) Acetophenone	8.94	105	67735	20.66	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.92	70	41744	18.84	ng/ul#	98
16) 4-Methylphenol	8.89	108	43937	20.47	ng/ul	98
17) Hexachloroethane	9.21	117	15116	21.18	ng/ul	95
20) Nitrobenzene	9.33	77	60087	19.43	ng/ul	94
21) Isophorone	9.85	82	115228	19.31	ng/ul	99
23) 2-Nitrophenol	10.05	139	21605	20.65	ng/ul	89
24) 2,4-Dimethylphenol	10.10	107	59585	21.38	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.33	93	56515	19.14	ng/ul	98
27) 2,4-Dichlorophenol	10.59	162	45016	22.62	ng/ul	93
28) Naphthalene	10.99	128	112931	19.99	ng/ul	99
30) 4-Chloroaniline	11.10	127	42894	20.79	ng/ul	90
31) Hexachlorobutadiene	11.27	225	40990	22.88	ng/ul	95
32) Caprolactam	11.86	113	16211	20.02	ng/ul	88
33) 4-Chloro-3-methylphenol	12.21	107	58457	21.07	ng/ul	97
34) 2-Methylnaphthalene	12.59	142	91078	20.21	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.81	142	92093	20.51	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.95	216	78839	21.89	ng/ul	98
38) Hexachlorocyclopentadiene	12.93	237	25649	12.23	ng/ul	99
39) 2,4,6-Trichlorophenol	13.19	196	49118	22.37	ng/ul	99
40) 2,4,5-Trichlorophenol	13.27	196	51444	22.39	ng/ul	98
41) 1,1'-Biphenyl	13.59	154	134412	20.12	ng/ul	98
42) 2-Chloronaphthalene	13.64	162	104705	20.16	ng/ul	98
43) 2-Nitroaniline	13.84	65	41643	18.98	ng/ul	91
45) Dimethylphthalate	14.19	163	159728	19.83	ng/ul	99
46) 2,6-Dinitrotoluene	14.32	165	34387	21.34	ng/ul	86
48) Acenaphthylene	14.48	152	174319	19.84	ng/ul	96
49) 3-Nitroaniline	14.66	138	26574	19.79	ng/ul	97
50) Acenaphthene	14.82	153	119642	19.88	ng/ul	96
51) 2,4-Dinitrophenol	14.86	184	16982	16.04	ng/ul	93
53) 4-Nitrophenol	14.96	109	28171	18.06	ng/ul	97
54) Dibenzofuran	15.15	168	181515	20.58	ng/ul	91
55) 2,4-Dinitrotoluene	15.11	165	49240	19.65	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.37	232	54255	22.27	ng/ul#	96
57) Diethylphthalate	15.55	149	154751	19.23	ng/ul	99
59) Fluorene	15.80	166	153847	19.95	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.79	204	92932	20.72	ng/ul	91
61) 4-Nitroaniline	15.82	138	31074	19.22	ng/ul#	89
64) 4,6-Dinitro-2-methylphenol	15.87	198	33801	20.30	ng/ul	97
65) N-Nitrosodiphenylamine	16.00	169	133766	20.46	ng/ul	98
66) 4-Bromophenyl-phenylether	16.68	248	63791	21.86	ng/ul	98
67) Hexachlorobenzene	16.80	284	67525	21.94	ng/ul	94
68) Atrazine	16.94	200	64621	21.19	ng/ul	98
69) Pentachlorophenol	17.14	266	35727	20.75	ng/ul	95
70) Phenanthrene	17.54	178	261092	20.10	ng/ul	99
72) Anthracene	17.63	178	263218	20.10	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.56	216	80308	23.97	ng/uL	93
74) Pentachlorobenzene	15.07	250	83032	23.75	ng/uL	98
75) Carbazole	17.90	167	212402	20.20	ng/ul	100
76) Di-n-butylphthalate	18.44	149	253812	18.61	ng/ul	98
77) Fluoranthene	19.54	202	332580	20.09	ng/ul	99
80) Pyrene	19.90	202	347355	19.51	ng/ul#	95
81) Butylbenzylphthalate	20.77	149	116145	19.83	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.66	252	113176	20.30	ng/ul	97
83) Benzo(a)anthracene	21.75	228	378144	20.47	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.63	149	170598	19.87	ng/ul	98
85) Chrysene	21.81	228	348792	20.05	ng/ul	99
87) Di-n-octyl phthalate	22.86	149	292062	20.17	ng/ul	100
88) Benzo(b)fluoranthene	24.01	252	361442	19.67	ng/ul	99
89) Benzo(k)fluoranthene	24.09	252	355650	20.06	ng/ul	99
91) Benzo(a)pyrene	24.92	252	353855	20.00	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	28.84	276	404086m	20.41	ng/ul	
93) Dibenzo(a,h)anthracene	28.91	278	333475	20.49	ng/ul	99
94) Benzo(g,h,i)perylene	30.04	276	338759	20.62	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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