Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019697.D
Acq On : 18 Nov 2015 20:20
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02033

Manual Integrations APPROVED
mohammad
11/19/2015 8:28:01 AM

Quant Time: Nov 19 04:43:59 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 03:06:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	23188	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	101518	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	84495	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	239063	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	306813	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	289873	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	4654	8.57	ng/uL	0.00
5) Phenol-d5	7.30	99	47400	19.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	29908	19.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	30553	20.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	39154	19.91	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	15948	19.13	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	18754	19.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	40592	20.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	43728	22.71	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	142043	18.59	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	159645	19.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	22314	18.53	ng/ul	0.00
58) Fluorene-d10	15.77	176	127990	18.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	25783	16.70	ng/ul	0.00
71) Anthracene-d10	17.62	188	223005	19.21	ng/ul	0.00
79) Pyrene-d10	19.90	212	267390	19.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	294321	19.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	4995m	8.07	ng/uL	
4) Benzaldehyde	7.27	77	38645	22.33	ng/ul	94
6) Phenol	7.32	94	51449	20.06	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.56	93	35273	19.76	ng/ul	95
10) 2-Chlorophenol	7.70	128	30999	20.83	ng/ul#	86
11) 2-Methylphenol	8.59	108	37732	19.98	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.68	45	30522	19.58	ng/ul	96
14) Acetophenone	8.98	105	64211	19.76	ng/ul	85
15) N-Nitroso-di-n-propylamine	8.95	70	39547	18.01	ng/ul#	97
16) 4-Methylphenol	8.92	108	42103	19.79	ng/ul	97
17) Hexachloroethane	9.24	117	14075	19.90	ng/ul	94
20) Nitrobenzene	9.37	77	58897	19.62	ng/ul	99
21) Isophorone	9.88	82	107723	18.60	ng/ul#	97
23) 2-Nitrophenol	10.08	139	19460	19.17	ng/ul	93
24) 2,4-Dimethylphenol	10.13	107	53674	19.84	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.37	93	53933	18.82	ng/ul	93
27) 2,4-Dichlorophenol	10.62	162	38160	19.76	ng/ul	96
28) Naphthalene	11.03	128	106297	19.39	ng/ul	97
30) 4-Chloroaniline	11.13	127	43774	21.86	ng/ul	99
31) Hexachlorobutadiene	11.31	225	34705	19.96	ng/ul	98
32) Caprolactam	11.88	113	15054	19.16	ng/ul	93
33) 4-Chloro-3-methylphenol	12.25	107	51660	19.18	ng/ul	94
34) 2-Methylnaphthalene	12.63	142	83971	19.20	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.84	142	82709	18.98	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	12.99	216	67538	19.94	ng/ul	96
38) Hexachlorocyclopentadiene	12.96	237	19721	10.00	ng/ul	97
39) 2,4,6-Trichlorophenol	13.22	196	40643	19.67	ng/ul	93
40) 2,4,5-Trichlorophenol	13.30	196	43604	20.17	ng/ul	95
41) 1,1'-Biphenyl	13.62	154	120400	19.16	ng/ul	94
42) 2-Chloronaphthalene	13.67	162	95106	19.47	ng/ul	97
43) 2-Nitroaniline	13.87	65	39830	19.30	ng/ul	92
45) Dimethylphthalate	14.23	163	141271	18.64	ng/ul	99
46) 2,6-Dinitrotoluene	14.35	165	30106	19.86	ng/ul	89
48) Acenaphthylene	14.51	152	159985	19.35	ng/ul	97
49) 3-Nitroaniline	14.68	138	26999	21.38	ng/ul	94
50) Acenaphthene	14.85	153	112402	19.86	ng/ul	97
51) 2,4-Dinitrophenol	14.89	184	15300	15.36	ng/ul	95
53) 4-Nitrophenol	14.98	109	27569	18.79	ng/ul	93
54) Dibenzofuran	15.18	168	162138	19.54	ng/ul	94
55) 2,4-Dinitrotoluene	15.14	165	46752	19.83	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.41	232	45173	19.71	ng/ul#	96
57) Diethylphthalate	15.58	149	138557	18.30	ng/ul	98
59) Fluorene	15.82	166	140873	19.42	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.81	204	80788	19.15	ng/ul	95
61) 4-Nitroaniline	15.84	138	32391	21.30	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.90	198	27369	16.69	ng/ul#	89
65) N-Nitrosodiphenylamine	16.02	169	123886	19.24	ng/ul	99
66) 4-Bromophenyl-phenylether	16.70	248	57110	19.87	ng/ul	97
67) Hexachlorobenzene	16.83	284	58749	19.38	ng/ul	98
68) Atrazine	16.96	200	59891	19.93	ng/ul	99
69) Pentachlorophenol	17.17	266	26421	15.57	ng/ul	94
70) Phenanthrene	17.57	178	247233	19.32	ng/ul	98
72) Anthracene	17.66	178	250113	19.39	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.59	216	68621	20.79	ng/uL	99
74) Pentachlorobenzene	15.10	250	71501	20.76	ng/uL	98
75) Carbazole	17.92	167	208087	20.09	ng/ul	97
76) Di-n-butylphthalate	18.46	149	250224	18.62	ng/ul	100
77) Fluoranthene	19.56	202	326393	20.02	ng/ul	99
80) Pyrene	19.92	202	341335	19.05	ng/ul	99
81) Butylbenzylphthalate	20.79	149	114375	19.40	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.68	252	121822	21.71	ng/ul	96
83) Benzo(a)anthracene	21.78	228	359971	19.36	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	163512	18.92	ng/ul#	99
85) Chrysene	21.84	228	336159	19.20	ng/ul	98
87) Di-n-octyl phthalate	22.89	149	282058	20.04	ng/ul	100
88) Benzo(b)fluoranthene	24.05	252	343032	19.20	ng/ul	99
89) Benzo(k)fluoranthene	24.12	252	332185	19.28	ng/ul	98
91) Benzo(a)pyrene	24.95	252	336299	19.56	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.92	276	369726	19.21	ng/ul#	94
93) Dibenzo(a,h)anthracene	28.97	278	309787m	19.58	ng/ul	
94) Benzo(g,h,i)perylene	30.10	276	290191	18.17	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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