Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110315\
Data File : BG019448.D
Acq On : 3 Nov 2015 12:26
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02028

Manual Integrations APPROVED
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11/3/2015 2:50:09 PM

Quant Time: Nov 03 13:16:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 03 00:57:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	31465	20.00	ng/ul	-0.01
18) Naphthalene-d8	11.01	136	127922	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.81	164	107313	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.56	188	323116	20.00	ng/ul	0.00
78) Chrysene-d12	21.84	240	436688	20.00	ng/ul	0.00
86) Perylene-d12	25.19	264	413429	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	4767	7.26	ng/uL	0.00
5) Phenol-d5	7.33	99	58503	20.25	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.49	67	38631	21.10	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.71	132	35898	19.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	46552	20.23	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	20120	21.40	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.08	143	23636	21.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	49465	20.43	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.14	131	60568	24.73	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	193305	21.85	ng/ul	-0.01
47) Acenaphthylene-d8	14.51	160	199318	20.34	ng/ul	-0.01
52) 4-Nitrophenol-d4	15.00	143	32008	22.77	ng/ul	-0.01
58) Fluorene-d10	15.80	176	166805	20.38	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.91	200	40681	19.45	ng/ul	0.00
71) Anthracene-d10	17.65	188	292672	19.87	ng/ul	-0.01
79) Pyrene-d10	19.93	212	361859	18.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.96	264	418705	20.18	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	7232	9.67	ng/uL#	80
4) Benzaldehyde	7.31	77	45178	24.05	ng/ul	94
6) Phenol	7.36	94	59392	19.30	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.59	93	44660	21.13	ng/ul	97
10) 2-Chlorophenol	7.74	128	36806	19.83	ng/ul	96
11) 2-Methylphenol	8.62	108	44319	19.47	ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.71	45	37031	21.86	ng/ul	94
14) Acetophenone	9.01	105	82248	21.30	ng/ul#	83
15) N-Nitroso-di-n-propylamine	8.98	70	51826	20.47	ng/ul#	89
16) 4-Methylphenol	8.95	108	51587	20.76	ng/ul	83
17) Hexachloroethane	9.28	117	18911	19.51	ng/ul	91
20) Nitrobenzene	9.39	77	72618	19.76	ng/ul	100
21) Isophorone	9.92	82	148341	22.28	ng/ul	98
23) 2-Nitrophenol	10.11	139	25400	20.04	ng/ul#	80
24) 2,4-Dimethylphenol	10.16	107	67655	20.43	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.40	93	67062	21.28	ng/ul#	95
27) 2,4-Dichlorophenol	10.65	162	45570	19.70	ng/ul#	85
28) Naphthalene	11.06	128	127132	19.86	ng/ul	96
30) 4-Chloroaniline	11.17	127	59927	23.34	ng/ul	94
31) Hexachlorobutadiene	11.34	225	44530	18.83	ng/ul	93
32) Caprolactam	11.92	113	22931m	27.65	ng/ul	
33) 4-Chloro-3-methylphenol	12.27	107	66978	21.56	ng/ul	89
34) 2-Methylnaphthalene	12.66	142	104737	20.36	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.87	142	101855	20.93	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	13.01	216	84209	19.04	ng/ul	97
38) Hexachlorocyclopentadiene	13.00	237	53239	16.22	ng/ul	92
39) 2,4,6-Trichlorophenol	13.25	196	53492	20.46	ng/ul	89
40) 2,4,5-Trichlorophenol	13.33	196	58633	20.43	ng/ul	97
41) 1,1'-Biphenyl	13.65	154	149588	19.72	ng/ul#	95
42) 2-Chloronaphthalene	13.70	162	117886	19.92	ng/ul	97
43) 2-Nitroaniline	13.89	65	54554	21.56	ng/ul	94
45) Dimethylphthalate	14.25	163	193616	21.40	ng/ul#	98
46) 2,6-Dinitrotoluene	14.38	165	39213	21.41	ng/ul	97
48) Acenaphthylene	14.54	152	199550	19.88	ng/ul	99
49) 3-Nitroaniline	14.71	138	35455	22.49	ng/ul	90
50) Acenaphthene	14.88	153	138836	20.48	ng/ul	94
51) 2,4-Dinitrophenol	14.92	184	24755	17.98	ng/ul	94
53) 4-Nitrophenol	15.02	109	47949	21.88	ng/ul#	75
54) Dibenzofuran	15.21	168	203461	20.38	ng/ul	96
55) 2,4-Dinitrotoluene	15.16	165	59241	20.48	ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	15.43	232	65918	21.97	ng/ul#	96
57) Diethylphthalate	15.61	149	192862	21.59	ng/ul	96
59) Fluorene	15.86	166	174198	20.00	ng/ul#	94
60) 4-Chlorophenyl-phenylether	15.84	204	104722	20.23	ng/ul	98
61) 4-Nitroaniline	15.87	138	39379	21.74	ng/ul	84
64) 4,6-Dinitro-2-methylphenol	15.92	198	43154	19.08	ng/ul#	87
65) N-Nitrosodiphenylamine	16.05	169	163329	19.54	ng/ul	100
66) 4-Bromophenyl-phenylether	16.73	248	75883	19.76	ng/ul	95
67) Hexachlorobenzene	16.86	284	79372	19.48	ng/ul#	92
68) Atrazine	16.99	200	87684	21.17	ng/ul	99
69) Pentachlorophenol	17.20	266	45976	19.11	ng/ul	90
70) Phenanthrene	17.60	178	320405	19.65	ng/ul	97
72) Anthracene	17.68	178	328152	19.74	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.62	216	86760	18.53	ng/uL	90
74) Pentachlorobenzene	15.12	250	90699	19.22	ng/uL	96
75) Carbazole	17.96	167	282764	21.32	ng/ul	97
76) Di-n-butylphthalate	18.50	149	340628	20.72	ng/ul	97
77) Fluoranthene	19.59	202	448180	21.23	ng/ul#	97
80) Pyrene	19.96	202	473107	19.31	ng/ul#	95
81) Butylbenzylphthalate	20.83	149	160978	20.21	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.72	252	170943	19.98	ng/ul#	94
83) Benzo(a)anthracene	21.82	228	502247	19.75	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.70	149	230711	20.39	ng/ul	98
85) Chrysene	21.89	228	466701	19.56	ng/ul	98
87) Di-n-octyl phthalate	22.96	149	389494	20.80	ng/ul	100
88) Benzo(b)fluoranthene	24.12	252	475829	19.51	ng/ul#	95
89) Benzo(k)fluoranthene	24.19	252	476810	20.32	ng/ul	95
91) Benzo(a)pyrene	25.04	252	472956	20.19	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	29.04	276	524539	19.88	ng/ul	99
93) Dibenzo(a,h)anthracene	29.10	278	438809m	19.92	ng/ul	
94) Benzo(g,h,i)perylene	30.25	276	440717	22.00	ng/ul#	94

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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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