Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019418.D
Acq On : 29 Oct 2015 15:27
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02019

Manual Integrations APPROVED
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10/30/2015 6:32:24 PM

Quant Time: Oct 30 03:22:57 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 02:14:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	37846	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	155486	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	117893	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.58	188	315784	20.00	ng/ul	0.00
78) Chrysene-d12	21.87	240	371354	20.00	ng/ul	0.00
86) Perylene-d12	25.25	264	344006	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	6622	8.38	ng/uL	0.00
5) Phenol-d5	7.36	99	73901	21.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	45618	20.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	47239	21.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	56003	20.24	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	24316	21.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	27719	20.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	60810	20.66	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	66017	22.18	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	182367	18.76	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	217443	20.20	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	29372	19.02	ng/ul	0.00
58) Fluorene-d10	15.82	176	170902	19.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	38589	18.88	ng/ul	0.00
71) Anthracene-d10	17.67	188	278018m	19.31	ng/ul	0.00
79) Pyrene-d10	19.95	212	322895	19.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.02	264	343397	19.89	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	6824	7.58	ng/uL#	90
4) Benzaldehyde	7.33	77	53451	23.65	ng/ul	90
6) Phenol	7.38	94	78456	21.20	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.61	93	53984	21.23	ng/ul	96
10) 2-Chlorophenol	7.77	128	46999	21.05	ng/ul	97
11) 2-Methylphenol	8.65	108	56085	20.49	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.74	45	43097	21.15	ng/ul	96
14) Acetophenone	9.04	105	93327	20.09	ng/ul	87
15) N-Nitroso-di-n-propylamine	9.01	70	58363	19.17	ng/ul#	89
16) 4-Methylphenol	8.98	108	62983	21.07	ng/ul	97
17) Hexachloroethane	9.30	117	21558	18.49	ng/ul	89
20) Nitrobenzene	9.42	77	90485	20.25	ng/ul	99
21) Isophorone	9.95	82	149306	18.45	ng/ul	96
23) 2-Nitrophenol	10.13	139	32021	20.79	ng/ul	91
24) 2,4-Dimethylphenol	10.19	107	77235	19.19	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.42	93	77594	20.25	ng/ul#	98
27) 2,4-Dichlorophenol	10.68	162	57833	20.57	ng/ul	87
28) Naphthalene	11.09	128	156897	20.17	ng/ul#	94
30) 4-Chloroaniline	11.19	127	66962	21.46	ng/ul	98
31) Hexachlorobutadiene	11.36	225	55961	19.47	ng/ul	89
32) Caprolactam	11.96	113	18424	18.28	ng/ul#	76
33) 4-Chloro-3-methylphenol	12.30	107	76286	20.21	ng/ul#	94
34) 2-Methylnaphthalene	12.68	142	122268	19.56	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.90	142	121992	20.62 ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	101639	20.92 ng/ul#	97
38) Hexachlorocyclopentadiene	13.01	237	44023	12.21 ng/ul	99
39) 2,4,6-Trichlorophenol	13.28	196	63095	21.97 ng/ul	90
40) 2,4,5-Trichlorophenol	13.35	196	66004	20.94 ng/ul	97
41) 1,1'-Biphenyl	13.67	154	171946	20.63 ng/ul#	93
42) 2-Chloronaphthalene	13.72	162	133043	20.47 ng/ul	97
43) 2-Nitroaniline	13.91	65	57051	20.52 ng/ul	94
45) Dimethylphthalate	14.28	163	182851	18.39 ng/ul#	97
46) 2,6-Dinitrotoluene	14.40	165	40414	20.08 ng/ul	94
48) Acenaphthylene	14.56	152	219042	19.86 ng/ul	98
49) 3-Nitroaniline	14.74	138	35107	20.27 ng/ul	98
50) Acenaphthene	14.90	153	147604	19.82 ng/ul	100
51) 2,4-Dinitrophenol	14.93	184	27742	18.34 ng/ul#	87
53) 4-Nitrophenol	15.04	109	44175	18.35 ng/ul#	77
54) Dibenzofuran	15.23	168	218788	19.95 ng/ul	97
55) 2,4-Dinitrotoluene	15.19	165	60152	18.93 ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	15.45	232	68075	20.66 ng/ul	99
57) Diethylphthalate	15.63	149	174990	17.83 ng/ul	98
59) Fluorene	15.88	166	185363	19.37 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.86	204	110459	19.43 ng/ul	94
61) 4-Nitroaniline	15.89	138	36218	18.20 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.95	198	40303	18.23 ng/ul	91
65) N-Nitrosodiphenylamine	16.07	169	164060	20.09 ng/ul	97
66) 4-Bromophenyl-phenylether	16.76	248	75355	20.08 ng/ul	95
67) Hexachlorobenzene	16.88	284	79721	20.02 ng/ul	94
68) Atrazine	17.01	200	71939	17.77 ng/ul	100
69) Pentachlorophenol	17.22	266	47338	20.14 ng/ul	92
70) Phenanthrene	17.62	178	308572	19.36 ng/ul	95
72) Anthracene	17.71	178	317460	19.54 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	99166	21.67 ng/uL	98
74) Pentachlorobenzene	15.15	250	95767	20.76 ng/uL	96
75) Carbazole	17.98	167	257150	19.84 ng/ul	97
76) Di-n-butylphthalate	18.52	149	291567	18.15 ng/ul	97
77) Fluoranthene	19.62	202	394971	19.14 ng/ul#	98
80) Pyrene	19.98	202	405433	19.46 ng/ul#	94
81) Butylbenzylphthalate	20.85	149	127300	18.80 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.75	252	147170	20.23 ng/ul#	99
83) Benzo(a)anthracene	21.84	228	426250	19.71 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.73	149	184828	19.20 ng/ul	99
85) Chrysene	21.91	228	396861	19.56 ng/ul	97
87) Di-n-octyl phthalate	23.00	149	300729	19.30 ng/ul	100
88) Benzo(b)fluoranthene	24.17	252	396702	19.55 ng/ul#	97
89) Benzo(k)fluoranthene	24.24	252	397637	20.36 ng/ul#	98
91) Benzo(a)pyrene	25.09	252	385979	19.80 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	29.12	276	430946m	19.63 ng/ul	
93) Dibenzo(a,h)anthracene	29.20	278	320550	17.49 ng/ul	97
94) Benzo(g,h,i)perylene	30.35	276	316580	19.00 ng/ul#	93

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

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