Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA G\DATA\BG112015\
Data File : BG019776.D
Acq On : 22 Nov 2015 10:38
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 23 00:56:54 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 00:37:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	22472	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	93637	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.75	164	78904	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.50	188	227414	20.00	ng/ul	0.00
78) Chrysene-d12	21.77	240	277404	20.00	ng/ul	0.00
86) Perylene-d12	25.08	264	275054	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	3775	7.17	ng/uL	-0.01
5) Phenol-d5	7.26	99	46485	20.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	27886	18.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	28850	19.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	37384	19.61	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	15739	20.47	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	18779	21.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	40750	21.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	35454	19.96	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	146359	20.51	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	156583	20.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.95	143	22139	19.69	ng/ul	0.01
58) Fluorene-d10	15.75	176	131644	20.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	28174	19.18	ng/ul	0.00
71) Anthracene-d10	17.60	188	223227	20.22	ng/ul	0.00
79) Pyrene-d10	19.88	212	259066	20.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.85	264	292907	20.40	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	4236	7.06	ng/uL	97
4) Benzaldehyde	7.23	77	34287	20.44	ng/ul	95
6) Phenol	7.29	94	48375	19.46	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.52	93	34275	19.81	ng/ul	92
10) 2-Chlorophenol	7.67	128	29375	20.36	ng/ul#	85
11) 2-Methylphenol	8.56	108	35755	19.54	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.64	45	27017	17.88	ng/ul	95
14) Acetophenone	8.94	105	63127	20.05	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.92	70	37745	17.74	ng/ul#	94
16) 4-Methylphenol	8.88	108	40443	19.61	ng/ul	99
17) Hexachloroethane	9.21	117	13886	20.26	ng/ul	92
20) Nitrobenzene	9.33	77	53518	19.33	ng/ul	98
21) Isophorone	9.85	82	107793	20.18	ng/ul#	95
23) 2-Nitrophenol	10.05	139	19439	20.76	ng/ul	98
24) 2,4-Dimethylphenol	10.10	107	52291	20.96	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.34	93	54363	20.57	ng/ul	93
27) 2,4-Dichlorophenol	10.59	162	39134	21.96	ng/ul	93
28) Naphthalene	10.99	128	101349	20.04	ng/ul	99
30) 4-Chloroaniline	11.10	127	38367	20.77	ng/ul	99
31) Hexachlorobutadiene	11.27	225	35644	22.23	ng/ul	95
32) Caprolactam	11.86	113	15203m	20.98	ng/ul	
33) 4-Chloro-3-methylphenol	12.22	107	52890	21.29	ng/ul	97
34) 2-Methylnaphthalene	12.59	142	80996	20.08	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.81	142	80722	20.08	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.96	216	68031	21.51	ng/ul	97
38) Hexachlorocyclopentadiene	12.93	237	34529	18.74	ng/ul	93
39) 2,4,6-Trichlorophenol	13.20	196	43948	22.78	ng/ul	95
40) 2,4,5-Trichlorophenol	13.27	196	47790	23.67	ng/ul	99
41) 1,1'-Biphenyl	13.59	154	119232	20.32	ng/ul	98
42) 2-Chloronaphthalene	13.64	162	92823	20.35	ng/ul	99
43) 2-Nitroaniline	13.84	65	37625	19.52	ng/ul#	87
45) Dimethylphthalate	14.20	163	145616	20.58	ng/ul	99
46) 2,6-Dinitrotoluene	14.32	165	31626	22.34	ng/ul	93
48) Acenaphthylene	14.48	152	155828	20.19	ng/ul	97
49) 3-Nitroaniline	14.66	138	24660	20.91	ng/ul	97
50) Acenaphthene	14.82	153	106296	20.11	ng/ul	97
51) 2,4-Dinitrophenol	14.87	184	13251	14.25	ng/ul	97
53) 4-Nitrophenol	14.97	109	27146	19.81	ng/ul	93
54) Dibenzofuran	15.15	168	159544	20.59	ng/ul	95
55) 2,4-Dinitrotoluene	15.11	165	46653	21.19	ng/ul	87
56) 2,3,4,6-Tetrachlorophenol	15.38	232	49675	23.21	ng/ul	97
57) Diethylphthalate	15.56	149	143529	20.30	ng/ul	99
59) Fluorene	15.80	166	137442	20.29	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.79	204	81599	20.71	ng/ul	95
61) 4-Nitroaniline	15.82	138	28555	20.11	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.88	198	27944	17.91	ng/ul	94
65) N-Nitrosodiphenylamine	16.00	169	121548	19.84	ng/ul	96
66) 4-Bromophenyl-phenylether	16.68	248	58772	21.49	ng/ul	94
67) Hexachlorobenzene	16.80	284	60432	20.96	ng/ul	93
68) Atrazine	16.94	200	59792	20.92	ng/ul	99
69) Pentachlorophenol	17.15	266	30834m	19.11	ng/ul	
70) Phenanthrene	17.54	178	241579	19.85	ng/ul	98
72) Anthracene	17.63	178	244375	19.91	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.56	216	68597	21.85	ng/uL	96
74) Pentachlorobenzene	15.07	250	71440	21.81	ng/uL	95
75) Carbazole	17.90	167	201926	20.49	ng/ul	98
76) Di-n-butylphthalate	18.44	149	242811	19.00	ng/ul	100
77) Fluoranthene	19.54	202	316549	20.41	ng/ul#	98
80) Pyrene	19.91	202	324586	20.03	ng/ul#	95
81) Butylbenzylphthalate	20.77	149	106144	19.91	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.66	252	105491	20.79	ng/ul	95
83) Benzo(a)anthracene	21.75	228	345776	20.56	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.63	149	159444	20.40	ng/ul#	98
85) Chrysene	21.82	228	324825	20.52	ng/ul	97
87) Di-n-octyl phthalate	22.87	149	269777	20.20	ng/ul	100
88) Benzo(b)fluoranthene	24.02	252	340212	20.07	ng/ul	100
89) Benzo(k)fluoranthene	24.09	252	324183	19.83	ng/ul	96
91) Benzo(a)pyrene	24.92	252	325289	19.94	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.86	276	368839	20.20	ng/ul#	94
93) Dibenzo(a,h)anthracene	28.92	278	307074	20.46	ng/ul	97
94) Benzo(g,h,i)perylene	30.05	276	307705	20.31	ng/ul	98

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

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