Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016197.D
Acq On : 31 Mar 2015 12:33
Operator : TP/IZ
Sample : SSTD00538
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD00538

Quant Time: Apr 01 04:06:31 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 01:44:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	66750	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	289042	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	173782	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	360512	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	407465	20.00	ng/ul	0.00
83) Perylene-d12	23.59	264	370952	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	3425	2.12	ng/uL	0.00
5) Phenol-d5	6.93	99	30394	5.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	18357	5.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	24448	5.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	23688	5.18	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	12370	5.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	13904	6.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	22419	5.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	28943	5.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	60417	5.33	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	85711	5.44	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.38	176	58960	5.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.23	188	88325	5.37	ng/ul	0.00
76) Pyrene-d10	19.53	212	93970	5.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.44	264	87360	5.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	4299	2.18	ng/uL#	94
4) Benzaldehyde	6.91	77	20122	5.72	ng/ul	99
6) Phenol	6.96	94	33578	5.08	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.19	93	26168	5.04	ng/ul	96
10) 2-Chlorophenol	7.33	128	25407	5.12	ng/ul	96
11) 2-Methylphenol	8.20	108	24838	5.16	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.30	45	38302	6.26	ng/ul	98
14) Acetophenone	8.58	105	37038	5.19	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.56	70	21783	5.51	ng/ul#	96
16) 4-Methylphenol	8.53	108	26722	5.00	ng/ul	99
17) Hexachloroethane	8.84	117	10545	5.41	ng/ul	95
20) Nitrobenzene	8.96	77	30086	5.67	ng/ul	98
21) Isophorone	9.47	82	57474	5.52	ng/ul	99
23) 2-Nitrophenol	9.67	139	15046	5.71	ng/ul	95
24) 2,4-Dimethylphenol	9.73	107	27710	5.38	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.96	93	33789	5.30	ng/ul	95
27) 2,4-Dichlorophenol	10.20	162	22388	5.30	ng/ul	91
28) Naphthalene	10.60	128	82228	5.29	ng/ul	97
30) 4-Chloroaniline	10.71	127	28258	4.90	ng/ul	95
31) Hexachlorobutadiene	10.88	225	12723	5.51	ng/ul	99
32) Caprolactam	11.46	113	10788	5.42	ng/ul	95
33) 4-Chloro-3-methylphenol	11.84	107	26828	5.78	ng/ul	99
34) 2-Methylnaphthalene	12.21	142	56538	5.13	ng/ul	88

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36) 1,2,4,5-Tetrachlorobenzene	12.58	216	24503	5.28 ng/ul	95
37) Hexachlorocyclopentadiene	12.56	237	11662	4.51 ng/ul	90
38) 2,4,6-Trichlorophenol	12.82	196	16423m	5.52 ng/ul	
39) 2,4,5-Trichlorophenol	12.89	196	18197	5.66 ng/ul	99
40) 1,1'-Biphenyl	13.23	154	74650	5.47 ng/ul	99
41) 2-Chloronaphthalene	13.27	162	55225	5.36 ng/ul	96
44) Dimethylphthalate	13.85	163	68572	5.37 ng/ul	98
45) 2,6-Dinitrotoluene	13.97	165	15268	5.62 ng/ul	95
47) Acenaphthylene	14.11	152	94924	5.39 ng/ul	97
49) Acenaphthene	14.46	153	65025	5.48 ng/ul	99
53) Dibenzofuran	14.79	168	85461	5.40 ng/ul	100
54) 2,4-Dinitrotoluene	14.76	165	21625	5.55 ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.02	232	15403	5.49 ng/ul	99
56) Diethylphthalate	15.21	149	70419	5.37 ng/ul	97
58) Fluorene	15.44	166	72461	5.23 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.44	204	31472	5.05 ng/ul	96
64) N-Nitrosodiphenylamine	15.65	169	61949	5.40 ng/ul	98
65) 4-Bromophenyl-phenylether	16.33	248	19383	5.16 ng/ul	97
66) Hexachlorobenzene	16.44	284	22469	5.29 ng/ul	92
67) Atrazine	16.59	200	20963	5.28 ng/ul	96
69) Phenanthrene	17.18	178	110911	5.42 ng/ul	98
71) Anthracene	17.26	178	113689	5.48 ng/ul	99
72) Carbazole	17.54	167	109420	5.48 ng/ul	99
73) Di-n-butylphthalate	18.10	149	129973	5.58 ng/ul	99
74) Fluoranthene	19.19	202	123946	5.40 ng/ul	96
77) Pyrene	19.56	202	133748	5.37 ng/ul	99
78) Butylbenzylphthalate	20.45	149	58806	5.53 ng/ul	99
79) 3,3'-Dichlorobenzidine	21.23	252	35598	5.18 ng/ul	96
80) Benzo(a)anthracene	21.29	228	124988	5.41 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.22	149	78787	5.49 ng/ul	98
82) Chrysene	21.35	228	118024	5.40 ng/ul	99
84) Di-n-octyl phthalate	22.11	149	134687	5.98 ng/ul	100
85) Benzo(b)fluoranthene	22.89	252	114924	5.41 ng/ul	98
86) Benzo(k)fluoranthene	22.94	252	111446	5.32 ng/ul	97
88) Benzo(a)pyrene	23.49	252	110464	5.25 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.91	276	124260	5.07 ng/ul	99
90) Dibenzo(a,h)anthracene	25.92	278	104378	5.10 ng/ul	99
91) Benzo(g,h,i)perylene	26.62	276	103621	5.06 ng/ul	98

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

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