Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG053115\
Data File : BG017362.D
Acq On : 31 May 2015 12:27
Operator : TP/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02007

Manual Integrations APPROVED
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6/1/2015 4:32:06 PM

Quant Time: Jun 01 06:02:31 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 29 17:44:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	19131	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	85814	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	58045	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	134926	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	150192	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	146712	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	3104	7.71	ng/uL	0.00
5) Phenol-d5	6.84	99	31472	19.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	19905	20.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	26591	20.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	26240	18.99	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	13684	20.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	15683	19.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	26483	19.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	38699	24.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	83944	20.28	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	108048	20.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	15881	20.12	ng/ul	0.00
57) Fluorene-d10	15.30	176	82870	20.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	18436	19.52	ng/ul	0.00
70) Anthracene-d10	17.16	188	130354	20.62	ng/ul	0.00
76) Pyrene-d10	19.45	212	152488	20.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	131536	20.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	3827	8.37	ng/uL#	1
4) Benzaldehyde	6.78	77	24394	27.65	ng/ul	92
6) Phenol	6.87	94	34913	20.63	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.07	93	26810	21.02	ng/ul	87
10) 2-Chlorophenol	7.21	128	26179	20.12	ng/ul	89
11) 2-Methylphenol	8.11	108	26251	19.26	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.18	45	46317	21.25	ng/ul	97
14) Acetophenone	8.47	105	43388	19.92	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.45	70	25895	20.70	ng/ul	90
16) 4-Methylphenol	8.44	108	29474	19.82	ng/ul	97
17) Hexachloroethane	8.71	117	13196	22.03	ng/ul	96
20) Nitrobenzene	8.84	77	37487	21.06	ng/ul	100
21) Isophorone	9.36	82	67660	20.39	ng/ul	97
23) 2-Nitrophenol	9.56	139	16280	20.43	ng/ul	93
24) 2,4-Dimethylphenol	9.63	107	38677	22.30	ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.86	93	35579	20.35	ng/ul	97
27) 2,4-Dichlorophenol	10.10	162	26603	19.79	ng/ul	94
28) Naphthalene	10.48	128	88535	20.34	ng/ul	98
30) 4-Chloroaniline	10.60	127	37258	23.18	ng/ul	93
31) Hexachlorobutadiene	10.77	225	19546	21.77	ng/ul	96
32) Caprolactam	11.36	113	12709m	21.17	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	33371	20.59	ng/ul	95
34) 2-Methylnaphthalene	12.11	142	67919	20.70	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	33241	19.72	ng/ul	97
37) Hexachlorocyclopentadiene	12.46	237	14938	18.02	ng/ul	96
38) 2,4,6-Trichlorophenol	12.74	196	22306	19.99	ng/ul	92
39) 2,4,5-Trichlorophenol	12.82	196	25133m	20.65	ng/ul	
40) 1,1'-Biphenyl	13.13	154	91820	21.11	ng/ul	98
41) 2-Chloronaphthalene	13.17	162	70535	20.24	ng/ul	99
42) 2-Nitroaniline	13.39	65	27099	21.07	ng/ul	92
44) Dimethylphthalate	13.77	163	95781	20.85	ng/ul	97
45) 2,6-Dinitrotoluene	13.89	165	20546	20.20	ng/ul	98
47) Acenaphthylene	14.02	152	116332	20.20	ng/ul	99
48) 3-Nitroaniline	14.22	138	21239	20.55	ng/ul	95
49) Acenaphthene	14.37	153	75591	20.30	ng/ul	97
50) 2,4-Dinitrophenol	14.43	184	8792	17.00	ng/ul#	88
52) 4-Nitrophenol	14.57	109	19305	21.43	ng/ul	93
53) Dibenzofuran	14.71	168	108166	20.48	ng/ul	96
54) 2,4-Dinitrotoluene	14.68	165	29576	20.04	ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	14.94	232	21218	19.93	ng/ul#	94
56) Diethylphthalate	15.13	149	101969	20.84	ng/ul	96
58) Fluorene	15.36	166	93487	20.42	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.35	204	50798	21.01	ng/ul	98
60) 4-Nitroaniline	15.39	138	22972	21.39	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.45	198	17518	18.21	ng/ul#	99
64) N-Nitrosodiphenylamine	15.57	169	80830	20.32	ng/ul	99
65) 4-Bromophenyl-phenylether	16.24	248	30259	19.93	ng/ul	88
66) Hexachlorobenzene	16.36	284	32497	20.20	ng/ul	97
67) Atrazine	16.53	200	34529	21.85	ng/ul#	91
68) Pentachlorophenol	16.71	266	13307	16.93	ng/ul#	79
69) Phenanthrene	17.10	178	146822	20.47	ng/ul	99
71) Anthracene	17.18	178	154696	20.93	ng/ul	97
72) Carbazole	17.47	167	141422	21.35	ng/ul	97
73) Di-n-butylphthalate	18.03	149	192103	21.05	ng/ul	98
74) Fluoranthene	19.12	202	185558	21.43	ng/ul	98
77) Pyrene	19.48	202	193306	20.56	ng/ul	98
78) Butylbenzylphthalate	20.39	149	85350	20.21	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.17	252	64762	19.89	ng/ul	98
80) Benzo(a)anthracene	21.23	228	186030	20.84	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.16	149	117525	19.34	ng/ul	98
82) Chrysene	21.28	228	170001	20.55	ng/ul	98
84) Di-n-octyl phthalate	22.04	149	195644	19.78	ng/ul	100
85) Benzo(b)fluoranthene	22.81	252	178910m	20.24	ng/ul	
86) Benzo(k)fluoranthene	22.85	252	166362	20.04	ng/ul	99
88) Benzo(a)pyrene	23.38	252	172725	20.67	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.76	276	187415	19.91	ng/ul	96
90) Dibenzo(a,h)anthracene	25.77	278	161818	20.18	ng/ul	94
91) Benzo(g,h,i)perylene	26.46	276	154844	19.68	ng/ul	97

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

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