Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012716\
Data File : BG020762.D
Acq On : 27 Jan 2016 12:43
Operator : SJ/IZ
Sample : SSTD02003
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02003

Manual Integrations APPROVED
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Quant Time: Jan 27 13:30:55 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 27 13:19:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	13992	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	74294	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	48595	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.63	188	112747	20.00	ng/ul	0.00
78) Chrysene-d12	21.92	240	100992	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	96917	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	2472	8.63	ng/uL	0.00
5) Phenol-d5	7.41	99	28043	23.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.60	67	15238	21.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	21729	23.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	24871	24.59	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	9427	16.08	ng/ul	0.00
22) 2-Nitrophenol-d4	10.18	143	7854	11.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	22867	17.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	34504	26.89	ng/ul	0.00
44) Dimethylphthalate-d6	14.29	166	87417	20.61	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	106050	22.27	ng/ul	0.00
52) 4-Nitrophenol-d4	15.06	143	14430	25.34	ng/ul	0.00
58) Fluorene-d10	15.88	176	75364	19.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	6073	9.90	ng/ul	0.00
71) Anthracene-d10	17.73	188	114909	20.79	ng/ul	0.00
79) Pyrene-d10	20.00	212	114010	23.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.08	264	108084	20.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	3030	8.75	ng/uL#	89
4) Benzaldehyde	7.41	77	18236	22.23	ng/ul#	81
6) Phenol	7.44	94	30045	23.30	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.69	93	23518	24.79	ng/ul	92
10) 2-Chlorophenol	7.84	128	22665	22.98	ng/ul#	91
11) 2-Methylphenol	8.71	108	24037	24.21	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.82	45	26077	21.21	ng/ul#	92
14) Acetophenone	9.11	105	39558	23.71	ng/ul#	88
15) N-Nitroso-di-n-propylamine	9.09	70	20102	23.75	ng/ul	92
16) 4-Methylphenol	9.04	108	27394	24.88	ng/ul	91
17) Hexachloroethane	9.38	117	8091	19.31	ng/ul#	77
20) Nitrobenzene	9.49	77	21924	14.38	ng/ul#	87
21) Isophorone	10.02	82	58078	19.49	ng/ul#	96
23) 2-Nitrophenol	10.21	139	9631	12.75	ng/ul#	69
24) 2,4-Dimethylphenol	10.26	107	28318	17.84	ng/ul	86
25) Bis(2-Chloroethoxy)methane	10.50	93	36750	22.02	ng/ul	97
27) 2,4-Dichlorophenol	10.75	162	23900	17.37	ng/ul	98
28) Naphthalene	11.16	128	86342	20.56	ng/ul	99
30) 4-Chloroaniline	11.26	127	36965	26.81	ng/ul	98
31) Hexachlorobutadiene	11.44	225	11920	10.20	ng/ul	97
32) Caprolactam	12.00	113	10324m	21.99	ng/ul	
33) 4-Chloro-3-methylphenol	12.35	107	29035	19.55	ng/ul	93
34) 2-Methylnaphthalene	12.74	142	67241	21.47	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.96	142	63610	21.52	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	13.10	216	28429	14.31	ng/ul#	97
38) Hexachlorocyclopentadiene	13.08	237	13831	32.39	ng/ul#	95
39) 2,4,6-Trichlorophenol	13.33	196	18982	17.51	ng/ul	95
40) 2,4,5-Trichlorophenol	13.40	196	21214	17.83	ng/ul	97
41) 1,1'-Biphenyl	13.74	154	88662	22.80	ng/ul#	97
42) 2-Chloronaphthalene	13.78	162	64683	20.42	ng/ul	99
43) 2-Nitroaniline	13.97	65	12292	13.49	ng/ul#	75
45) Dimethylphthalate	14.34	163	90792	19.93	ng/ul#	99
46) 2,6-Dinitrotoluene	14.46	165	11960	13.40	ng/ul	96
48) Acenaphthylene	14.62	152	117439	23.36	ng/ul	99
49) 3-Nitroaniline	14.79	138	15982	20.21	ng/ul#	85
50) Acenaphthene	14.96	153	80537	23.22	ng/ul	97
51) 2,4-Dinitrophenol	14.99	184	4211	18.18	ng/ul#	86
53) 4-Nitrophenol	15.07	109	8385	15.95	ng/ul#	46
54) Dibenzofuran	15.29	168	106402	20.38	ng/ul	92
55) 2,4-Dinitrotoluene	15.24	165	16838	12.54	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.50	232	18414	17.38	ng/ul#	78
57) Diethylphthalate	15.69	149	95844	20.72	ng/ul	96
59) Fluorene	15.94	166	93493	21.95	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.93	204	40025	16.18	ng/ul	93
61) 4-Nitroaniline	15.94	138	20196	22.06	ng/ul#	75
64) 4,6-Dinitro-2-methylphenol	16.00	198	7130	10.81	ng/ul	92
65) N-Nitrosodiphenylamine	16.13	169	77458	23.72	ng/ul	95
66) 4-Bromophenyl-phenylether	16.82	248	24512	17.19	ng/ul	97
67) Hexachlorobenzene	16.94	284	27775	17.58	ng/ul#	91
68) Atrazine	17.07	200	26597	18.36	ng/ul	97
69) Pentachlorophenol	17.27	266	14854	34.42	ng/ul	97
70) Phenanthrene	17.68	178	148472	22.13	ng/ul	98
72) Anthracene	17.77	178	148628	21.95	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.70	216	27351	16.86	ng/uL	97
74) Pentachlorobenzene	15.21	250	28043	16.60	ng/uL	98
75) Carbazole	18.02	167	135881	24.49	ng/ul	97
76) Di-n-butylphthalate	18.58	149	160648	23.66	ng/ul#	99
77) Fluoranthene	19.66	202	157555	19.32	ng/ul#	79
80) Pyrene	20.03	202	160610	25.08	ng/ul#	79
81) Butylbenzylphthalate	20.90	149	62116	28.86	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.80	252	45702	22.93	ng/ul#	96
83) Benzo(a)anthracene	21.89	228	135870	21.56	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.80	149	95389	30.05	ng/ul#	94
85) Chrysene	21.97	228	125658	21.09	ng/ul	98
87) Di-n-octyl phthalate	23.07	149	157217	28.64	ng/ul	100
88) Benzo(b)fluoranthene	24.23	252	130225	20.86	ng/ul#	91
89) Benzo(k)fluoranthene	24.30	252	129775	21.05	ng/ul#	93
91) Benzo(a)pyrene	25.16	252	125713	20.93	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	29.19	276	145119	20.47	ng/ul#	88
93) Dibenzo(a,h)anthracene	29.27	278	121849	20.87	ng/ul#	91
94) Benzo(g,h,i)perylene	30.41	276	119582	20.45	ng/ul#	84

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

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