Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG111015\
Data File : BG019545.D
Acq On : 10 Nov 2015 10:59
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02009

Manual Integrations APPROVED
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11/13/2015 5:21:38 PM

Quant Time: Nov 13 08:43:52 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 13 08:28:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	46008	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	189600	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	151619	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	408077	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	519249	20.00	ng/ul	0.00
86) Perylene-d12	25.17	264	505172	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	7224	7.52	ng/uL	0.00
5) Phenol-d5	7.32	99	84951	20.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	58688	21.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	52405	19.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	69781	20.74	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	27489	19.73	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	32549	19.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	70705	19.70	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	83696	23.06	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	251862	20.15	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	273796	19.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	36913	18.59	ng/ul	0.00
58) Fluorene-d10	15.79	176	218094	18.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	46470	17.59	ng/ul	0.00
71) Anthracene-d10	17.64	188	363058	19.52	ng/ul	0.00
79) Pyrene-d10	19.92	212	423431	18.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	482849	19.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	10061	9.20	ng/uL#	86
4) Benzaldehyde	7.30	77	64173	23.36	ng/ul	98
6) Phenol	7.34	94	93271	20.73	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.58	93	67244	21.76	ng/ul	89
10) 2-Chlorophenol	7.73	128	53751	19.81	ng/ul#	86
11) 2-Methylphenol	8.61	108	67526	20.29	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.71	45	57643	23.27	ng/ul	93
14) Acetophenone	9.00	105	118669	21.01	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.98	70	79183	21.39	ng/ul#	84
16) 4-Methylphenol	8.94	108	75810	20.86	ng/ul	99
17) Hexachloroethane	9.27	117	27584	19.46	ng/ul#	90
20) Nitrobenzene	9.39	77	108706	19.95	ng/ul	97
21) Isophorone	9.91	82	211389	21.42	ng/ul	99
23) 2-Nitrophenol	10.11	139	34410	18.32	ng/ul#	83
24) 2,4-Dimethylphenol	10.15	107	95212	19.40	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.39	93	102278	21.89	ng/ul#	96
27) 2,4-Dichlorophenol	10.64	162	67602	19.71	ng/ul#	95
28) Naphthalene	11.05	128	190814	20.11	ng/ul#	94
30) 4-Chloroaniline	11.16	127	82402	21.65	ng/ul	96
31) Hexachlorobutadiene	11.33	225	63286	18.06	ng/ul	92
32) Caprolactam	11.91	113	27991m	22.77	ng/ul	
33) 4-Chloro-3-methylphenol	12.27	107	93670	20.35	ng/ul	99
34) 2-Methylnaphthalene	12.65	142	149534	19.61	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.87	142	147620	20.47	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	13.01	216	115120	18.42	ng/ul	95
38) Hexachlorocyclopentadiene	12.99	237	72474	15.63	ng/ul#	95
39) 2,4,6-Trichlorophenol	13.24	196	69733	18.88	ng/ul	87
40) 2,4,5-Trichlorophenol	13.32	196	77873	19.21	ng/ul	97
41) 1,1'-Biphenyl	13.64	154	213383	19.91	ng/ul#	94
42) 2-Chloronaphthalene	13.69	162	165438	19.79	ng/ul	95
43) 2-Nitroaniline	13.88	65	73418	20.53	ng/ul	94
45) Dimethylphthalate	14.25	163	255706	20.00	ng/ul	99
46) 2,6-Dinitrotoluene	14.37	165	51937	20.07	ng/ul	96
48) Acenaphthylene	14.53	152	278271	19.62	ng/ul	97
49) 3-Nitroaniline	14.70	138	47036	21.12	ng/ul	89
50) Acenaphthene	14.87	153	185729	19.39	ng/ul	100
51) 2,4-Dinitrophenol	14.91	184	22656	11.64	ng/ul#	88
53) 4-Nitrophenol	15.01	109	51464	16.62	ng/ul#	76
54) Dibenzofuran	15.20	168	277224	19.65	ng/ul	100
55) 2,4-Dinitrotoluene	15.16	165	76573	18.74	ng/ul#	85
56) 2,3,4,6-Tetrachlorophenol	15.42	232	75186	17.74	ng/ul#	94
57) Diethylphthalate	15.61	149	242347	19.20	ng/ul	97
59) Fluorene	15.85	166	236639	19.23	ng/ul#	99
60) 4-Chlorophenyl-phenylether	15.84	204	135521	18.53	ng/ul	95
61) 4-Nitroaniline	15.86	138	46154	18.03	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.92	198	46245	16.19	ng/ul#	99
65) N-Nitrosodiphenylamine	16.05	169	210648	19.96	ng/ul	98
66) 4-Bromophenyl-phenylether	16.73	248	93427	19.26	ng/ul	92
67) Hexachlorobenzene	16.85	284	95179	18.49	ng/ul	96
68) Atrazine	16.99	200	97368	18.61	ng/ul	99
69) Pentachlorophenol	17.19	266	48485	15.96	ng/ul	96
70) Phenanthrene	17.59	178	399641	19.40	ng/ul	96
72) Anthracene	17.68	178	408031	19.44	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.61	216	117436	19.86	ng/uL	99
74) Pentachlorobenzene	15.12	250	115872	19.44	ng/uL	95
75) Carbazole	17.94	167	336994	20.12	ng/ul	97
76) Di-n-butylphthalate	18.49	149	400636	19.30	ng/ul#	96
77) Fluoranthene	19.59	202	525651	19.72	ng/ul#	93
80) Pyrene	19.95	202	547210	18.78	ng/ul#	91
81) Butylbenzylphthalate	20.82	149	190027	20.07	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.72	252	199897	19.65	ng/ul#	94
83) Benzo(a)anthracene	21.80	228	587915	19.44	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.69	149	277014	20.58	ng/ul#	97
85) Chrysene	21.88	228	549841	19.38	ng/ul	96
87) Di-n-octyl phthalate	22.94	149	473813	20.71	ng/ul	100
88) Benzo(b)fluoranthene	24.11	252	557854	18.72	ng/ul#	99
89) Benzo(k)fluoranthene	24.17	252	553640	19.31	ng/ul#	98
91) Benzo(a)pyrene	25.02	252	537494	18.78	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	29.01	276	616176	19.11	ng/ul#	96
93) Dibenzo(a,h)anthracene	29.07	278	509442m	18.92	ng/ul	
94) Benzo(g,h,i)perylene	30.21	276	502671	20.54	ng/ul#	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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