Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062017\
Data File : BG027555.D
Acq On : 20 Jun 2017 16:07
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02092

Manual Integrations APPROVED
mohammad
6/21/2017 12:17:38 PM

Quant Time: Jun 21 01:02:58 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 20 01:50:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	26545	20.00	ng/ul	0.00
18) Naphthalene-d8	11.33	136	137292	20.00	ng/ul	-0.01
35) Acenaphthene-d10	15.10	164	94911	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	240204	20.00	ng/ul	-0.01
75) Chrysene-d12	22.21	240	266038	20.00	ng/ul	-0.02
83) Perylene-d12	25.86	264	253973	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	4.07	96	4624	6.97	ng/uL	-0.01
5) Phenol-d5	7.65	99	56522	19.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.82	67	38655	19.70	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	40816	21.46	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	47407	21.06	ng/ul	-0.01
19) Nitrobenzene-d5	9.67	128	19662	19.72	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	26795	25.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	46787	23.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	60919	24.04	ng/ul	0.00
43) Dimethylphthalate-d6	14.48	166	166672	20.97	ng/ul	-0.01
46) Acenaphthylene-d8	14.79	160	191869	20.96	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.26	143	26499	17.05	ng/ul	-0.01
57) Fluorene-d10	16.08	176	157671	21.15	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	16.19	200	4411	2.96	ng/ul	0.00
70) Anthracene-d10	17.94	188	232593	20.77	ng/ul	-0.01
76) Pyrene-d10	20.21	212	260140	20.02	ng/ul	-0.01
87) Benzo(a)pyrene-d12	25.60	264	241524	21.12	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	4.10	88	6652	8.66	ng/uL	97
4) Benzaldehyde	7.65	77	41844	24.86	ng/ul	94
6) Phenol	7.68	94	60223	19.96	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.92	93	43598	19.65	ng/ul	98
10) 2-Chlorophenol	8.08	128	42134	22.01	ng/ul	94
11) 2-Methylphenol	8.93	108	43408	19.91	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	9.03	45	75141	20.35	ng/ul#	95
14) Acetophenone	9.33	105	74054	21.29	ng/ul#	88
15) N-Nitroso-di-n-propylamine	9.30	70	45468	23.14	ng/ul#	88
16) 4-Methylphenol	9.25	108	48638	20.31	ng/ul	92
17) Hexachloroethane	9.60	117	17143	23.36	ng/ul#	76
20) Nitrobenzene	9.72	77	60313	21.47	ng/ul	93
21) Isophorone	10.23	82	120333	21.72	ng/ul#	95
23) 2-Nitrophenol	10.43	139	28828	24.78	ng/ul	83
24) 2,4-Dimethylphenol	10.46	107	60591	21.86	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.70	93	65479	19.21	ng/ul#	95
27) 2,4-Dichlorophenol	10.96	162	46805	23.13	ng/ul	98
28) Naphthalene	11.38	128	142212	20.16	ng/ul	98
30) 4-Chloroaniline	11.48	127	58424	23.36	ng/ul	96
31) Hexachlorobutadiene	11.65	225	29961	24.07	ng/ul	92
32) Caprolactam	12.24	113	19376	21.71	ng/ul	91
33) 4-Chloro-3-methylphenol	12.55	107	63520	23.84	ng/ul	96
34) 2-Methylnaphthalene	12.95	142	109645	20.96	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.31	216	63315	22.54 ng/ul	93
37) Hexachlorocyclopentadiene	13.28	237	30847	19.60 ng/ul	96
38) 2,4,6-Trichlorophenol	13.54	196	49076	26.40 ng/ul	95
39) 2,4,5-Trichlorophenol	13.61	196	49244	25.44 ng/ul	98
40) 1,1'-Biphenyl	13.93	154	149707	19.94 ng/ul#	97
41) 2-Chloronaphthalene	13.98	162	115967	20.48 ng/ul	96
42) 2-Nitroaniline	14.18	65	48570	22.80 ng/ul	95
44) Dimethylphthalate	14.53	163	162923	20.67 ng/ul	98
45) 2,6-Dinitrotoluene	14.66	165	31445	21.43 ng/ul	96
47) Acenaphthylene	14.82	152	188642	20.57 ng/ul	100
48) 3-Nitroaniline	14.99	138	31693	19.90 ng/ul#	97
49) Acenaphthene	15.16	153	129380	20.22 ng/ul	100
52) 4-Nitrophenol	15.27	109	26050	21.07 ng/ul#	67
53) Dibenzofuran	15.49	168	192157	20.61 ng/ul	98
54) 2,4-Dinitrotoluene	15.44	165	45983	20.47 ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	15.71	232	40430	21.47 ng/ul#	94
56) Diethylphthalate	15.88	149	172078	20.66 ng/ul	97
58) Fluorene	16.14	166	161988	20.94 ng/ul	99
59) 4-Chlorophenyl-phenylether	16.12	204	84902	21.83 ng/ul	89
60) 4-Nitroaniline	16.15	138	34381m	17.63 ng/ul	
63) 4,6-Dinitro-2-methylphenol	16.20	198	3910	2.48 ng/ul#	93
64) N-Nitrosodiphenylamine	16.33	169	144496	20.91 ng/ul	91
65) 4-Bromophenyl-phenylether	17.02	248	56175	23.09 ng/ul	92
66) Hexachlorobenzene	17.14	284	60554	23.63 ng/ul	97
67) Atrazine	17.27	200	56811	21.47 ng/ul	97
68) Pentachlorophenol	17.49	266	6760	3.97 ng/ul	86
69) Phenanthrene	17.89	178	261634	20.27 ng/ul	99
71) Anthracene	17.98	178	270495	20.61 ng/ul	98
72) Carbazole	18.24	167	214261	18.98 ng/ul	99
73) Di-n-butylphthalate	18.76	149	282264	20.22 ng/ul	97
74) Fluoranthene	19.87	202	303926	20.93 ng/ul#	90
77) Pyrene	20.24	202	312697	19.88 ng/ul#	89
78) Butylbenzylphthalate	21.11	149	127719	21.55 ng/ul	94
79) 3,3'-Dichlorobenzidine	22.09	252	105064	21.45 ng/ul#	94
80) Benzo(a)anthracene	22.19	228	313321	21.15 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	22.04	149	184419	21.67 ng/ul	99
82) Chrysene	22.27	228	284512	21.26 ng/ul	99
84) Di-n-octyl phthalate	23.40	149	315555	19.83 ng/ul	100
85) Benzo(b)fluoranthene	24.69	252	315784	20.88 ng/ul#	98
86) Benzo(k)fluoranthene	24.76	252	298066	20.50 ng/ul#	95
88) Benzo(a)pyrene	25.69	252	299168	20.60 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	30.05	276	348278	21.01 ng/ul#	95
90) Dibenzo(a,h)anthracene	30.12	278	294262	20.67 ng/ul#	94
91) Benzo(g,h,i)perylene	31.36	276	289278	21.31 ng/ul#	94

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

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