Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062017\
Data File : BG027557.D
Acq On : 20 Jun 2017 18:57
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02093

Manual Integrations APPROVED
mohammad
6/21/2017 12:17:43 PM

Quant Time: Jun 21 01:12:33 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 21 01:05:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	28111	20.00	ng/ul	0.00
18) Naphthalene-d8	11.33	136	130403	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	87179	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	230631	20.00	ng/ul	0.00
75) Chrysene-d12	22.22	240	271434	20.00	ng/ul	0.00
83) Perylene-d12	25.86	264	259020	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	4.07	96	5562	7.91	ng/uL	0.00
5) Phenol-d5	7.65	99	54717	17.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.82	67	38922	18.73	ng/ul	0.00
9) 2-Chlorophenol-d4	8.04	132	40835	20.27	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	44897	18.84	ng/ul	0.00
19) Nitrobenzene-d5	9.67	128	19390	20.47	ng/ul	0.00
22) 2-Nitrophenol-d4	10.39	143	23412	23.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	41407	21.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.45	131	55925	23.24	ng/ul	0.00
43) Dimethylphthalate-d6	14.48	166	146224	20.03	ng/ul	0.00
46) Acenaphthylene-d8	14.79	160	172214	20.48	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	25548	17.89	ng/ul	0.00
57) Fluorene-d10	16.08	176	142254	20.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	5890	4.11	ng/ul	0.00
70) Anthracene-d10	17.94	188	219159m	20.38	ng/ul	0.00
76) Pyrene-d10	20.21	212	256180	19.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.61	264	238720	20.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	4.10	88	6590	8.10	ng/uL	93
4) Benzaldehyde	7.66	77	41184	23.11	ng/ul	88
6) Phenol	7.67	94	58068	18.18	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.92	93	42231	17.98	ng/ul	94
10) 2-Chlorophenol	8.08	128	41136	20.29	ng/ul	89
11) 2-Methylphenol	8.93	108	40773	17.66	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	9.03	45	71597	18.31	ng/ul	97
14) Acetophenone	9.33	105	70646	19.18	ng/ul#	93
15) N-Nitroso-di-n-propylamine	9.30	70	41358	19.87	ng/ul#	85
16) 4-Methylphenol	9.25	108	46148	18.20	ng/ul	96
17) Hexachloroethane	9.60	117	16457	21.17	ng/ul#	80
20) Nitrobenzene	9.72	77	56909	21.33	ng/ul	96
21) Isophorone	10.23	82	107426	20.42	ng/ul#	97
23) 2-Nitrophenol	10.43	139	25778	23.33	ng/ul#	84
24) 2,4-Dimethylphenol	10.47	107	54791	20.81	ng/ul#	94
25) Bis(2-Chloroethoxy)methane	10.71	93	61120	18.88	ng/ul	98
27) 2,4-Dichlorophenol	10.96	162	41000	21.33	ng/ul	95
28) Naphthalene	11.38	128	134060	20.00	ng/ul	98
30) 4-Chloroaniline	11.48	127	52362	22.05	ng/ul	91
31) Hexachlorobutadiene	11.65	225	27680	23.41	ng/ul	88
32) Caprolactam	12.25	113	16995	20.05	ng/ul	88
33) 4-Chloro-3-methylphenol	12.56	107	56271	22.23	ng/ul	98
34) 2-Methylnaphthalene	12.94	142	100125	20.15	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.30	216	57123	22.13 ng/ul	97
37) Hexachlorocyclopentadiene	13.28	237	27672	19.15 ng/ul	98
38) 2,4,6-Trichlorophenol	13.53	196	43582	25.52 ng/ul	94
39) 2,4,5-Trichlorophenol	13.61	196	43914	24.70 ng/ul	97
40) 1,1'-Biphenyl	13.93	154	133964	19.42 ng/ul#	95
41) 2-Chloronaphthalene	13.98	162	105920	20.36 ng/ul	93
42) 2-Nitroaniline	14.18	65	43914	22.44 ng/ul	96
44) Dimethylphthalate	14.53	163	147815	20.42 ng/ul	97
45) 2,6-Dinitrotoluene	14.65	165	28241	20.95 ng/ul	89
47) Acenaphthylene	14.82	152	166195	19.73 ng/ul	98
48) 3-Nitroaniline	15.00	138	29474	20.15 ng/ul#	95
49) Acenaphthene	15.16	153	115467	19.65 ng/ul	97
52) 4-Nitrophenol	15.28	109	26319	23.17 ng/ul#	68
53) Dibenzofuran	15.49	168	172895	20.19 ng/ul	95
54) 2,4-Dinitrotoluene	15.44	165	43055	20.86 ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	15.71	232	40135	23.21 ng/ul#	93
56) Diethylphthalate	15.88	149	157971	20.65 ng/ul	98
58) Fluorene	16.14	166	145133	20.42 ng/ul	98
59) 4-Chlorophenyl-phenylether	16.12	204	76668	21.46 ng/ul	88
60) 4-Nitroaniline	16.15	138	32808	18.31 ng/ul#	74
63) 4,6-Dinitro-2-methylphenol	16.21	198	5843	3.87 ng/ul#	89
64) N-Nitrosodiphenylamine	16.33	169	131666	19.85 ng/ul	94
65) 4-Bromophenyl-phenylether	17.02	248	50683	21.70 ng/ul	92
66) Hexachlorobenzene	17.14	284	55727	22.65 ng/ul	94
67) Atrazine	17.27	200	54842	21.58 ng/ul	99
68) Pentachlorophenol	17.49	266	8269	5.06 ng/ul	87
69) Phenanthrene	17.89	178	244084	19.69 ng/ul	99
71) Anthracene	17.98	178	254119	20.16 ng/ul	99
72) Carbazole	18.24	167	210543	19.43 ng/ul	97
73) Di-n-butylphthalate	18.77	149	277533	20.71 ng/ul#	98
74) Fluoranthene	19.88	202	295795	21.21 ng/ul#	92
77) Pyrene	20.24	202	308259	19.21 ng/ul#	92
78) Butylbenzylphthalate	21.12	149	123586	20.44 ng/ul	97
79) 3,3'-Dichlorobenzidine	22.09	252	102460	20.51 ng/ul#	95
80) Benzo(a)anthracene	22.19	228	310772	20.56 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	22.05	149	178715	20.58 ng/ul	97
82) Chrysene	22.27	228	274063	20.08 ng/ul	98
84) Di-n-octyl phthalate	23.40	149	307270	18.93 ng/ul	100
85) Benzo(b)fluoranthene	24.69	252	305573	19.81 ng/ul#	98
86) Benzo(k)fluoranthene	24.77	252	301286	20.32 ng/ul#	98
88) Benzo(a)pyrene	25.68	252	297567	20.09 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	30.04	276	351653	20.80 ng/ul#	96
90) Dibenzo(a,h)anthracene	30.11	278	296331	20.41 ng/ul#	94
91) Benzo(g,h,i)perylene	31.36	276	286195	20.67 ng/ul#	93

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

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