Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122816\
Data File : BG025398.D
Acq On : 28 Dec 2016 17:59
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02027

Manual Integrations APPROVED
Sohil
12/29/2016 1:18:44 PM

Quant Time: Dec 29 00:35:58 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 29 00:09:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	65787	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	272505	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.83	164	223147	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.58	188	542090	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	715534	20.00	ng/ul	0.00
83) Perylene-d12	25.28	264	751204	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	9947	7.81	ng/uL	0.00
5) Phenol-d5	7.37	99	115279	20.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	72736	20.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	81727	20.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	96600	20.37	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	40072	20.77	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	51136	21.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	104895	22.67	ng/ul	0.00
29) 4-Chloroaniline-d4	11.18	131	112285	24.70	ng/ul	0.00
43) Dimethylphthalate-d6	14.23	166	354390	23.09	ng/ul	0.00
46) Acenaphthylene-d8	14.53	160	388590	23.11	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	56027	21.24	ng/ul	0.00
57) Fluorene-d10	15.82	176	327417	22.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	75546	22.54	ng/ul	0.00
70) Anthracene-d10	17.68	188	511735	22.37	ng/ul	0.00
76) Pyrene-d10	19.96	212	654844	22.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	696762	22.89	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	12178	7.34	ng/uL#	84
4) Benzaldehyde	7.35	77	90610	21.21	ng/ul	99
6) Phenol	7.39	94	119942	20.59	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.62	93	86099	20.20	ng/ul	88
10) 2-Chlorophenol	7.77	128	82006	20.55	ng/ul	98
11) 2-Methylphenol	8.66	108	87304	20.35	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.73	45	156729	21.62	ng/ul	99
14) Acetophenone	9.04	105	144130	19.97	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.01	70	84089	20.17	ng/ul#	97
16) 4-Methylphenol	8.99	108	94037	19.71	ng/ul	96
17) Hexachloroethane	9.29	117	39798	22.52	ng/ul	93
20) Nitrobenzene	9.43	77	136601	23.04	ng/ul	98
21) Isophorone	9.94	82	238204	21.23	ng/ul	98
23) 2-Nitrophenol	10.14	139	53631	21.98	ng/ul#	92
24) 2,4-Dimethylphenol	10.19	107	123703	22.17	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.43	93	121599	21.26	ng/ul	97
27) 2,4-Dichlorophenol	10.69	162	100490	22.37	ng/ul	96
28) Naphthalene	11.08	128	269123	21.25	ng/ul	98
30) 4-Chloroaniline	11.20	127	116392	25.04	ng/ul	91
31) Hexachlorobutadiene	11.34	225	85776	22.21	ng/ul	95
32) Caprolactam	11.97	113	39443	21.14	ng/ul	94
33) 4-Chloro-3-methylphenol	12.32	107	121999	22.03	ng/ul	96
34) 2-Methylnaphthalene	12.68	142	212150	21.22	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.03	216	157009	23.34 ng/ul#	95
37) Hexachlorocyclopentadiene	13.00	237	71925	18.22 ng/ul	96
38) 2,4,6-Trichlorophenol	13.28	196	99644	23.58 ng/ul	97
39) 2,4,5-Trichlorophenol	13.37	196	108566	23.44 ng/ul	94
40) 1,1'-Biphenyl	13.67	154	307518	22.73 ng/ul	97
41) 2-Chloronaphthalene	13.72	162	244298	22.68 ng/ul	99
42) 2-Nitroaniline	13.94	65	104251	24.73 ng/ul	95
44) Dimethylphthalate	14.27	163	350098	23.21 ng/ul#	99
45) 2,6-Dinitrotoluene	14.41	165	72995	22.52 ng/ul	87
47) Acenaphthylene	14.56	152	372900	22.81 ng/ul	98
48) 3-Nitroaniline	14.76	138	73091	26.04 ng/ul#	84
49) Acenaphthene	14.90	153	258159	23.06 ng/ul	96
50) 2,4-Dinitrophenol	14.98	184	53003	25.17 ng/ul	97
52) 4-Nitrophenol	15.07	109	72979	23.00 ng/ul	92
53) Dibenzofuran	15.23	168	405720	22.91 ng/ul	100
54) 2,4-Dinitrotoluene	15.21	165	113274	23.19 ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	15.46	232	113026	23.10 ng/ul#	91
56) Diethylphthalate	15.62	149	371598	23.26 ng/ul	97
58) Fluorene	15.88	166	330361	22.91 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.85	204	185726	22.88 ng/ul	89
60) 4-Nitroaniline	15.92	138	72217	21.33 ng/ul#	82
63) 4,6-Dinitro-2-methylphenol	15.98	198	75557	21.76 ng/ul#	97
64) N-Nitrosodiphenylamine	16.08	169	314089	22.52 ng/ul	93
65) 4-Bromophenyl-phenylether	16.75	248	142024	23.20 ng/ul	97
66) Hexachlorobenzene	16.88	284	160301	23.25 ng/ul	97
67) Atrazine	17.01	200	157545	23.76 ng/ul	95
68) Pentachlorophenol	17.24	266	81242	19.62 ng/ul	94
69) Phenanthrene	17.62	178	590369	22.82 ng/ul	97
71) Anthracene	17.71	178	594410	22.35 ng/ul	99
72) Carbazole	17.99	167	532353	23.99 ng/ul	100
73) Di-n-butylphthalate	18.50	149	666025	23.77 ng/ul	100
74) Fluoranthene	19.62	202	749460	24.38 ng/ul#	97
77) Pyrene	19.98	202	759443	22.08 ng/ul	96
78) Butylbenzylphthalate	20.83	149	302884	22.49 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.75	252	313220	25.11 ng/ul	95
80) Benzo(a)anthracene	21.85	228	834483	22.45 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.69	149	422026	22.77 ng/ul	99
82) Chrysene	21.92	228	764718	21.99 ng/ul	97
84) Di-n-octyl phthalate	22.95	149	722649	23.69 ng/ul	100
85) Benzo(b)fluoranthene	24.19	252	803777	21.58 ng/ul	98
86) Benzo(k)fluoranthene	24.26	252	809660	22.87 ng/ul	97
88) Benzo(a)pyrene	25.11	252	790879	22.08 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	29.20	276	1004611m	22.57 ng/ul	
90) Dibenzo(a,h)anthracene	29.26	278	863808m	23.03 ng/ul	
91) Benzo(g,h,i)perylene	30.43	276	828531m	22.30 ng/ul	

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

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