Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
Data File : BG028352.D
Acq On : 15 Aug 2017 20:39
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02071

Manual Integrations APPROVED
Sohil
8/16/2017 6:40:04 PM

Quant Time: Aug 16 04:02:54 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 16 01:22:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	35960	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	176467	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	134477	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	360817	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	392754	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	342551	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.84	96	5302	6.87	ng/uL	0.00
5) Phenol-d5	7.51	99	71568	18.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	42533	17.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	49771	19.98	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	61603	18.66	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	27280	19.77	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	32097	21.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	63265	20.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	79289	22.76	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	217916	18.22	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	260994	19.35	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	34841	18.32	ng/ul	0.00
57) Fluorene-d10	15.96	176	202635	18.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	43601	18.60	ng/ul	0.00
70) Anthracene-d10	17.81	188	325674	18.82	ng/ul	0.00
76) Pyrene-d10	20.09	212	364915	18.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	316691	19.75	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.88	88	5884	7.255	ng/uL#	70
4) Benzaldehyde	7.50	77	45216	19.811	ng/ul	98
6) Phenol	7.54	94	71409	18.193	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.77	93	48372	18.092	ng/ul#	95
10) 2-Chlorophenol	7.92	128	46269	19.057	ng/ul	95
11) 2-Methylphenol	8.79	108	52429	18.924	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.88	45	101983	15.713	ng/ul#	96
14) Acetophenone	9.18	105	85261	18.112	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.15	70	48632	18.177	ng/ul#	91
16) 4-Methylphenol	9.12	108	58414	18.673	ng/ul	95
17) Hexachloroethane	9.45	117	19144	19.028	ng/ul	90
20) Nitrobenzene	9.57	77	73543	18.411	ng/ul	92
21) Isophorone	10.08	82	129986	17.128	ng/ul	98
23) 2-Nitrophenol	10.29	139	30532	19.990	ng/ul#	85
24) 2,4-Dimethylphenol	10.33	107	71556	18.848	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.56	93	72522	17.544	ng/ul	92
27) 2,4-Dichlorophenol	10.82	162	57660	20.235	ng/ul	95
28) Naphthalene	11.23	128	168523	19.282	ng/ul	98
30) 4-Chloroaniline	11.33	127	74804	22.147	ng/ul	90
31) Hexachlorobutadiene	11.50	225	39670	18.860	ng/ul	88
32) Caprolactam	12.10	113	21007	17.728	ng/ul	92
33) 4-Chloro-3-methylphenol	12.44	107	74909	20.595	ng/ul	96
34) 2-Methylnaphthalene	12.81	142	133931	19.078	ng/ul	92

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36) 1,2,4,5-Tetrachlorobenzene	13.17	216	82218	18.968	ng/ul#	95
37) Hexachlorocyclopentadiene	13.14	237	30627	12.805	ng/ul	95
38) 2,4,6-Trichlorophenol	13.41	196	60171	22.272	ng/ul	95
39) 2,4,5-Trichlorophenol	13.49	196	62506	21.227	ng/ul	93
40) 1,1'-Biphenyl	13.79	154	184814	18.817	ng/ul	96
41) 2-Chloronaphthalene	13.85	162	147741	19.035	ng/ul	90
42) 2-Nitroaniline	14.05	65	63525	19.521	ng/ul	90
44) Dimethylphthalate	14.40	163	200982	18.250	ng/ul	99
45) 2,6-Dinitrotoluene	14.53	165	44158	19.420	ng/ul	96
47) Acenaphthylene	14.69	152	249404	19.353	ng/ul	97
48) 3-Nitroaniline	14.87	138	41448	20.244	ng/ul#	95
49) Acenaphthene	15.03	153	162264	18.661	ng/ul	92
50) 2,4-Dinitrophenol	15.08	184	23492	18.337	ng/ul	86
52) 4-Nitrophenol	15.18	109	32049m	16.265	ng/ul	
53) Dibenzofuran	15.36	168	242813	19.153	ng/ul	99
54) 2,4-Dinitrotoluene	15.32	165	67666	19.636	ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	15.59	232	59396	21.658	ng/ul	92
56) Diethylphthalate	15.75	149	224144	17.349	ng/ul	98
58) Fluorene	16.01	166	214719	19.130	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.99	204	115653	19.205	ng/ul	85
60) 4-Nitroaniline	16.03	138	43428	17.878	ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	16.09	198	43675	18.376	ng/ul#	94
64) N-Nitrosodiphenylamine	16.20	169	183903	19.374	ng/ul	94
65) 4-Bromophenyl-phenylether	16.89	248	76135	19.632	ng/ul	91
66) Hexachlorobenzene	17.02	284	83917	20.327	ng/ul	96
67) Atrazine	17.15	200	71682	17.321	ng/ul	98
68) Pentachlorophenol	17.37	266	37572	17.968	ng/ul	94
69) Phenanthrene	17.76	178	331471	18.255	ng/ul	100
71) Anthracene	17.85	178	350234	18.872	ng/ul	99
72) Carbazole	18.12	167	294925	18.273	ng/ul	98
73) Di-n-butylphthalate	18.64	149	364946	18.164	ng/ul#	97
74) Fluoranthene	19.75	202	409725	18.567	ng/ul	99
77) Pyrene	20.12	202	423997	18.095	ng/ul	100
78) Butylbenzylphthalate	20.98	149	163659	18.643	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.93	252	141440	18.666	ng/ul	94
80) Benzo(a)anthracene	22.03	228	427176	18.824	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.88	149	212168	16.995	ng/ul#	98
82) Chrysene	22.10	228	382295	18.705	ng/ul	99
84) Di-n-octyl phthalate	23.18	149	372650	18.153	ng/ul	100
85) Benzo(b)fluoranthene	24.43	252	377655	18.423	ng/ul#	99
86) Benzo(k)fluoranthene	24.51	252	431003m	21.525	ng/ul	
88) Benzo(a)pyrene	25.39	252	400067m	20.157	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.60	276	415977m	17.898	ng/ul	
90) Dibenzo(a,h)anthracene	29.66	278	317794m	16.313	ng/ul	
91) Benzo(g,h,i)perylene	30.85	276	238868	12.493	ng/ul	99

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

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