Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081517\
Data File : BG028339.D
Acq On : 15 Aug 2017 11:09
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02070

Manual Integrations APPROVED
Sohil
8/16/2017 6:40:54 PM

Quant Time: Aug 16 01:19:32 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 15 06:41:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	37962	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	182392	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	141020	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	337005	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	371677	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	329815	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	6023	7.39	ng/uL	0.00
5) Phenol-d5	7.51	99	75940	18.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	45936	17.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	50889	19.35	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	65554	18.81	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	27942	19.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	33798	21.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	65869	20.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	81749	22.70	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	227014	18.10	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	269931	19.09	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	29859	14.97	ng/ul	0.00
57) Fluorene-d10	15.95	176	204528	18.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	40179	18.35	ng/ul	0.00
70) Anthracene-d10	17.81	188	302363	18.71	ng/ul	0.00
76) Pyrene-d10	20.09	212	342188	17.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	308068	19.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.87	88	6393	7.467	ng/uL#	76
4) Benzaldehyde	7.49	77	46211	19.179	ng/ul	92
6) Phenol	7.54	94	75390	18.195	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.76	93	52395	18.563	ng/ul	97
10) 2-Chlorophenol	7.92	128	51637	20.147	ng/ul	93
11) 2-Methylphenol	8.79	108	55093	18.837	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.88	45	106058	15.479	ng/ul#	94
14) Acetophenone	9.18	105	87380	17.583	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.15	70	48924	17.322	ng/ul	95
16) 4-Methylphenol	9.12	108	60327	18.267	ng/ul	88
17) Hexachloroethane	9.44	117	19666	18.516	ng/ul	91
20) Nitrobenzene	9.57	77	78602	19.038	ng/ul#	96
21) Isophorone	10.09	82	139531	17.789	ng/ul#	95
23) 2-Nitrophenol	10.29	139	31542	19.980	ng/ul#	86
24) 2,4-Dimethylphenol	10.33	107	75716	19.296	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.56	93	76866	17.991	ng/ul	98
27) 2,4-Dichlorophenol	10.82	162	61433	20.858	ng/ul	94
28) Naphthalene	11.23	128	172643	19.112	ng/ul	94
30) 4-Chloroaniline	11.33	127	76596	21.941	ng/ul	91
31) Hexachlorobutadiene	11.50	225	42792	19.683	ng/ul	94
32) Caprolactam	12.09	113	22964	18.750	ng/ul#	67
33) 4-Chloro-3-methylphenol	12.44	107	76324	20.302	ng/ul	98
34) 2-Methylnaphthalene	12.81	142	144197	19.873	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	87874	19.332	ng/ul	93
37) Hexachlorocyclopentadiene	13.15	237	36865	14.698	ng/ul	95
38) 2,4,6-Trichlorophenol	13.41	196	60615	21.396	ng/ul	88
39) 2,4,5-Trichlorophenol	13.49	196	62054	20.095	ng/ul	94
40) 1,1'-Biphenyl	13.80	154	192461	18.687	ng/ul	98
41) 2-Chloronaphthalene	13.85	162	151480	18.611	ng/ul	97
42) 2-Nitroaniline	14.05	65	61277	17.956	ng/ul	93
44) Dimethylphthalate	14.40	163	206995	17.924	ng/ul	99
45) 2,6-Dinitrotoluene	14.53	165	46225	19.386	ng/ul	97
47) Acenaphthylene	14.69	152	255591	18.912	ng/ul	98
48) 3-Nitroaniline	14.87	138	41570	19.361	ng/ul#	92
49) Acenaphthene	15.03	153	175864	19.287	ng/ul	96
50) 2,4-Dinitrophenol	15.07	184	23452	17.456	ng/ul	93
52) 4-Nitrophenol	15.17	109	30687	14.851	ng/ul	88
53) Dibenzofuran	15.36	168	249774	18.787	ng/ul	99
54) 2,4-Dinitrotoluene	15.32	165	66912	18.517	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.59	232	56425	19.620	ng/ul	96
56) Diethylphthalate	15.75	149	226334	16.706	ng/ul	98
58) Fluorene	16.01	166	216582	18.401	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.99	204	114595	18.147	ng/ul	89
60) 4-Nitroaniline	16.03	138	43486m	17.071	ng/ul	
63) 4,6-Dinitro-2-methylphenol	16.08	198	39245	17.679	ng/ul#	96
64) N-Nitrosodiphenylamine	16.21	169	177403	20.009	ng/ul	93
65) 4-Bromophenyl-phenylether	16.89	248	77456	21.384	ng/ul	95
66) Hexachlorobenzene	17.02	284	76303	19.788	ng/ul	98
67) Atrazine	17.14	200	71713	18.552	ng/ul	92
68) Pentachlorophenol	17.36	266	32706	16.746	ng/ul	92
69) Phenanthrene	17.76	178	324355	19.125	ng/ul	98
71) Anthracene	17.85	178	335094	19.332	ng/ul	99
72) Carbazole	18.12	167	275114	18.250	ng/ul	97
73) Di-n-butylphthalate	18.64	149	345708	18.422	ng/ul#	97
74) Fluoranthene	19.75	202	389458	18.895	ng/ul	99
77) Pyrene	20.11	202	398912	17.990	ng/ul	98
78) Butylbenzylphthalate	20.98	149	161513	19.442	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.92	252	128951	17.983	ng/ul	100
80) Benzo(a)anthracene	22.02	228	401197	18.682	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.88	149	218481	18.493	ng/ul	99
82) Chrysene	22.09	228	367961	19.025	ng/ul	98
84) Di-n-octyl phthalate	23.19	149	383491	19.402	ng/ul	100
85) Benzo(b)fluoranthene	24.43	252	375452	19.023	ng/ul	99
86) Benzo(k)fluoranthene	24.50	252	404992m	21.007	ng/ul	
88) Benzo(a)pyrene	25.40	252	369689	19.346	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.60	276	383781	17.150	ng/ul	93
90) Dibenzo(a,h)anthracene	29.66	278	327467	17.459	ng/ul#	94
91) Benzo(g,h,i)perylene	30.86	276	302463m	16.429	ng/ul	

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

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