Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082218\
Data File : BG036351.D
Acq On : 22 Aug 2018 20:33
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02022

Manual Integrations APPROVED
Sohil
8/23/2018 10:58:52 AM

Quant Time: Aug 23 01:50:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG082118MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 23 01:44:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	45915	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	196009	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	123250	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	309941	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	340593	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	352669	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	9196	7.46	ng/uL	0.00
5) Phenol-d5	7.22	99	83243	19.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	57295	19.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	60601	19.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	63817	19.57	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	27352	22.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	26602	22.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	65029	20.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	70357	19.75	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	205653	19.96	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	255813	20.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	33012	21.66	ng/ul	0.00
58) Fluorene-d10	15.69	176	182051	20.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	21613	19.25	ng/ul	0.00
71) Anthracene-d10	17.54	188	294610	20.37	ng/ul	0.00
79) Pyrene-d10	19.82	212	350742	20.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	375894	19.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	10785	8.293	ng/uL#	33
4) Benzaldehyde	7.21	77	60198	21.023	ng/ul	95
6) Phenol	7.25	94	85306	19.981	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.49	93	63144	19.917	ng/ul#	87
10) 2-Chlorophenol	7.64	128	60259	19.531	ng/ul	93
11) 2-Methylphenol	8.50	108	63021	19.374	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.60	45	131981	18.910	ng/ul#	86
14) Acetophenone	8.89	105	100584	20.122	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.87	70	56431	18.737	ng/ul#	83
16) 4-Methylphenol	8.83	108	67748	19.910	ng/ul	88
17) Hexachloroethane	9.16	117	23742	19.317	ng/ul	93
20) Nitrobenzene	9.27	77	74281	21.892	ng/ul	99
21) Isophorone	9.80	82	159231	19.333	ng/ul	98
23) 2-Nitrophenol	9.99	139	29277	22.991	ng/ul	97
24) 2,4-Dimethylphenol	10.04	107	77537	19.936	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.29	93	87370	19.622	ng/ul	99
27) 2,4-Dichlorophenol	10.52	162	60676	19.889	ng/ul	98
28) Naphthalene	10.93	128	203274	20.236	ng/ul	99
30) 4-Chloroaniline	11.03	127	68300	19.680	ng/ul	100
31) Hexachlorobutadiene	11.22	225	45309	20.805	ng/ul	99
32) Caprolactam	11.78	113	24888	19.715	ng/ul#	70
33) 4-Chloro-3-methylphenol	12.14	107	71040	19.819	ng/ul	90
34) 2-Methylnaphthalene	12.53	142	152002	20.274	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	151480	20.716	ng/ul	91
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	85231	20.302	ng/ul#	97
38) Hexachlorocyclopentadiene	12.88	237	48069	19.137	ng/ul#	99
39) 2,4,6-Trichlorophenol	13.13	196	50956	19.652	ng/ul	98
40) 2,4,5-Trichlorophenol	13.19	196	54516	20.284	ng/ul	97
41) 1,1'-Biphenyl	13.53	154	194699	20.184	ng/ul#	97
42) 2-Chloronaphthalene	13.58	162	152713	20.636	ng/ul	99
43) 2-Nitroaniline	13.77	65	44112	22.781	ng/ul	85
45) Dimethylphthalate	14.15	163	201568	20.384	ng/ul	99
46) 2,6-Dinitrotoluene	14.26	165	33429	24.191	ng/ul#	87
48) Acenaphthylene	14.42	152	237653	20.290	ng/ul	97
49) 3-Nitroaniline	14.59	138	32036	22.247	ng/ul#	88
50) Acenaphthene	14.76	153	169074	20.160	ng/ul	98
51) 2,4-Dinitrophenol	14.79	184	13201	18.783	ng/ul#	80
53) 4-Nitrophenol	14.89	109	29833	21.090	ng/ul	90
54) Dibenzofuran	15.10	168	236443	20.370	ng/ul	98
55) 2,4-Dinitrotoluene	15.05	165	46784	24.477	ng/ul#	78
56) 2,3,4,6-Tetrachlorophenol	15.31	232	50475	20.055	ng/ul#	93
57) Diethylphthalate	15.51	149	200926	20.021	ng/ul	97
59) Fluorene	15.74	166	192383	20.558	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.74	204	104548	20.504	ng/ul	95
61) 4-Nitroaniline	15.75	138	42476	23.283	ng/ul#	93
64) 4,6-Dinitro-2-methylphenol	15.81	198	22497	19.402	ng/ul	99
65) N-Nitrosodiphenylamine	15.95	169	172098	19.820	ng/ul	97
66) 4-Bromophenyl-phenylether	16.64	248	67664	19.737	ng/ul	97
67) Hexachlorobenzene	16.74	284	68665	20.068	ng/ul#	89
68) Atrazine	16.89	200	74207	20.720	ng/ul	99
69) Pentachlorophenol	17.08	266	41410	19.961	ng/ul	96
70) Phenanthrene	17.48	178	332223	20.626	ng/ul	100
72) Anthracene	17.58	178	336930	20.788	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	92901	19.616	ng/uL	98
74) Pentachlorobenzene	15.01	250	82056	19.903	ng/uL	97
75) Carbazole	17.84	167	298771	21.928	ng/ul	99
76) Di-n-butylphthalate	18.41	149	360309	20.240	ng/ul	99
77) Fluoranthene	19.49	202	424480	22.728	ng/ul#	94
80) Pyrene	19.85	202	416861	20.200	ng/ul#	92
81) Butylbenzylphthalate	20.74	149	164656	19.600	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.61	252	136378	19.437	ng/ul	98
83) Benzo(a)anthracene	21.69	228	434844	20.205	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	232158	19.385	ng/ul	100
85) Chrysene	21.76	228	401854	20.357	ng/ul	98
87) Di-n-octyl phthalate	22.85	149	394465	19.901	ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	415573	19.899	ng/ul#	98
89) Benzo(k)fluoranthene	23.98	252	406396	20.184	ng/ul#	98
91) Benzo(a)pyrene	24.79	252	397366	20.108	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	28.60	276	471786m	20.050	ng/ul	
93) Dibenzo(a,h)anthracene	28.68	278	384068	20.130	ng/ul	98
94) Benzo(g,h,i)perylene	29.74	276	389769	20.087	ng/ul#	95

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

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