Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111020\
Data File : BG047264.D
Acq On : 10 Nov 2020 10:07
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02003

Manual Integrations APPROVED
mohammad
11/10/2020 2:41:00 PM

Quant Time: Nov 10 10:59:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 10 10:50:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	48255	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	196177	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	137010	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	340184	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	403090	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	418452	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	9267	7.75	ng/uL	0.00
5) Phenol-d5	7.16	99	76773	18.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	47335	19.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	60001	18.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	61248	18.33	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	30215	18.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	33898	17.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	66620	17.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	68003	21.28	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	195968	17.40	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	233972	17.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	30880	17.41	ng/ul	0.00
58) Fluorene-d10	15.63	176	189663	18.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	38362	16.35	ng/ul	0.00
71) Anthracene-d10	17.49	188	288536	17.50	ng/ul	0.00
79) Pyrene-d10	19.77	212	381851	16.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.62	264	402233	17.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	10629	8.287	ng/uL	100
4) Benzaldehyde	7.13	77	51314	18.468	ng/ul	100
6) Phenol	7.19	94	77359	18.928	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.42	93	60193	18.794	ng/ul	100
10) 2-Chlorophenol	7.57	128	59761	18.476	ng/ul	100
11) 2-Methylphenol	8.44	108	57075	18.209	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.54	45	91420	19.211	ng/ul	100
14) Acetophenone	8.83	105	94656	18.544	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.80	70	49725	18.004	ng/ul	100
16) 4-Methylphenol	8.77	108	59771	18.156	ng/ul	100
17) Hexachloroethane	9.10	117	26604	17.830	ng/ul	100
20) Nitrobenzene	9.21	77	79505	17.907	ng/ul	100
21) Isophorone	9.73	82	135547	16.952	ng/ul	100
23) 2-Nitrophenol	9.92	139	34505	17.516	ng/ul	100
24) 2,4-Dimethylphenol	9.98	107	70845	17.691	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.21	93	80476	17.835	ng/ul	100
27) 2,4-Dichlorophenol	10.46	162	62295	17.622	ng/ul	100
28) Naphthalene	10.86	128	189519	17.196	ng/ul	100
30) 4-Chloroaniline	10.97	127	64312	21.155	ng/ul	100
31) Hexachlorobutadiene	11.15	225	55211	17.802	ng/ul	100
32) Caprolactam	11.72	113	19846m	16.479	ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	65513	18.026	ng/ul	100
34) 2-Methylnaphthalene	12.47	142	141620	18.011	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.69	142	163913	17.790	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	95446	17.885	ng/ul	100
38) Hexachlorocyclopentadiene	12.82	237	49623	14.830	ng/ul	100
39) 2,4,6-Trichlorophenol	13.07	196	56333	17.312	ng/ul	100
40) 2,4,5-Trichlorophenol	13.14	196	57312	17.187	ng/ul	100
41) 1,1'-Biphenyl	13.47	154	193372	17.889	ng/ul	100
42) 2-Chloronaphthalene	13.51	162	157863	18.107	ng/ul	100
43) 2-Nitroaniline	13.71	65	45923	17.518	ng/ul	100
45) Dimethylphthalate	14.09	163	202152	17.881	ng/ul	100
46) 2,6-Dinitrotoluene	14.21	165	43331	17.708	ng/ul	100
48) Acenaphthylene	14.36	152	225997	18.126	ng/ul	100
49) 3-Nitroaniline	14.54	138	30929	19.347	ng/ul	100
50) Acenaphthene	14.70	153	159322	17.661	ng/ul	100
51) 2,4-Dinitrophenol	14.75	184	21016	16.613	ng/ul	100
53) 4-Nitrophenol	14.84	109	32838	18.109	ng/ul	100
54) Dibenzofuran	15.04	168	238318	18.154	ng/ul	100
55) 2,4-Dinitrotoluene	15.00	165	59959	17.838	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.27	232	59171	16.900	ng/ul	100
57) Diethylphthalate	15.45	149	201743	17.805	ng/ul	100
59) Fluorene	15.69	166	188151	17.461	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.68	204	107472	17.383	ng/ul	100
61) 4-Nitroaniline	15.70	138	34171	18.449	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.76	198	41133	17.007	ng/ul	100
65) N-Nitrosodiphenylamine	15.89	169	170158	17.307	ng/ul	100
66) 4-Bromophenyl-phenylether	16.57	248	80766	17.898	ng/ul	100
67) Hexachlorobenzene	16.69	284	82801	17.337	ng/ul	100
68) Atrazine	16.83	200	74287	17.508	ng/ul	100
69) Pentachlorophenol	17.03	266	43469	15.959	ng/ul	100
70) Phenanthrene	17.43	178	338049	17.718	ng/ul	100
72) Anthracene	17.52	178	337902	17.623	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	96306	16.853	ng/uL	100
74) Pentachlorobenzene	14.96	250	94815	17.305	ng/uL	100
75) Carbazole	17.79	167	276430	18.767	ng/ul	100
76) Di-n-butylphthalate	18.34	149	356025	18.118	ng/ul	100
77) Fluoranthene	19.44	202	461561	20.099	ng/ul	100
80) Pyrene	19.80	202	463942	16.819	ng/ul	100
81) Butylbenzylphthalate	20.68	149	175148	17.286	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.54	252	146448	19.855	ng/ul	100
83) Benzo(a)anthracene	21.63	228	483019	17.688	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.53	149	247729	17.625	ng/ul	100
85) Chrysene	21.69	228	467281	17.786	ng/ul	100
87) Di-n-octyl phthalate	22.73	149	418751	17.876	ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	489539	17.611	ng/ul	100
89) Benzo(k)fluoranthene	23.89	252	470585	17.471	ng/ul	100
91) Benzo(a)pyrene	24.68	252	440607	17.603	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.47	276	528518m	16.990	ng/ul	
93) Dibenzo(a,h)anthracene	28.53	278	439071	17.401	ng/ul	100
94) Benzo(g,h,i)perylene	29.60	276	445625	17.140	ng/ul	100

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

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