Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122120\
Data File : BG047779.D
Acq On : 21 Dec 2020 14:59
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02099

Manual Integrations APPROVED
mohammad
12/22/2020 2:40:00 PM

Quant Time: Dec 21 17:00:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 16:48:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	29177	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	110030	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	85622	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	215180	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	224761	20.00	ng/ul	0.00
86) Perylene-d12	25.19	264	246663	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	4151	7.58	ng/uL	0.00
5) Phenol-d5	7.34	99	45933	18.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	23897	18.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	35144	18.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	36066	18.20	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	18061	20.13	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	20639	19.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	41647	17.74	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	40101	18.60	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	130614	17.56	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	156261	18.40	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	18387	16.67	ng/ul	0.00
58) Fluorene-d10	15.81	176	122479	17.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	25882	17.77	ng/ul	0.00
71) Anthracene-d10	17.66	188	199225	18.56	ng/ul	0.00
79) Pyrene-d10	19.93	212	232199	17.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	250674	17.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	4651	8.231	ng/uL	100
4) Benzaldehyde	7.32	77	21280	16.059	ng/ul	100
6) Phenol	7.36	94	43228	18.323	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.60	93	31438	19.152	ng/ul	100
10) 2-Chlorophenol	7.76	128	33330	17.876	ng/ul	100
11) 2-Methylphenol	8.63	108	35081	18.707	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.72	45	30595m	19.901	ng/ul	
14) Acetophenone	9.03	105	58139	18.593	ng/ul	100
15) N-Nitroso-di-n-propylamine	9.01	70	32512	18.814	ng/ul	100
16) 4-Methylphenol	8.96	108	38767	19.353	ng/ul	100
17) Hexachloroethane	9.30	117	17540	19.243	ng/ul	100
20) Nitrobenzene	9.41	77	53887	18.982	ng/ul	100
21) Isophorone	9.93	82	88595	18.161	ng/ul	100
23) 2-Nitrophenol	10.13	139	21910	19.812	ng/ul	100
24) 2,4-Dimethylphenol	10.18	107	47103	17.784	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.41	93	41971	18.783	ng/ul	100
27) 2,4-Dichlorophenol	10.67	162	37270	18.768	ng/ul	100
28) Naphthalene	11.08	128	110128	17.949	ng/ul	100
30) 4-Chloroaniline	11.18	127	37325	18.732	ng/ul	100
31) Hexachlorobutadiene	11.36	225	41197	18.998	ng/ul	100
32) Caprolactam	11.92	113	11373m	17.001	ng/ul	
33) 4-Chloro-3-methylphenol	12.28	107	42118	17.421	ng/ul	100
34) 2-Methylnaphthalene	12.67	142	86951	18.394	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.89	142	99737	18.198	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	13.03	216	64240	18.879	ng/ul	100
38) Hexachlorocyclopentadiene	13.01	237	37417	15.749	ng/ul	100
39) 2,4,6-Trichlorophenol	13.26	196	38485	17.321	ng/ul	100
40) 2,4,5-Trichlorophenol	13.33	196	38375	16.698	ng/ul	100
41) 1,1'-Biphenyl	13.66	154	121127	18.793	ng/ul	100
42) 2-Chloronaphthalene	13.71	162	96061	18.408	ng/ul	100
43) 2-Nitroaniline	13.90	65	34076	18.273	ng/ul	100
45) Dimethylphthalate	14.26	163	133764	17.755	ng/ul	100
46) 2,6-Dinitrotoluene	14.38	165	28088	17.428	ng/ul	100
48) Acenaphthylene	14.55	152	142625	18.101	ng/ul	100
49) 3-Nitroaniline	14.71	138	18465	16.792	ng/ul	100
50) Acenaphthene	14.89	153	100170	17.986	ng/ul	100
51) 2,4-Dinitrophenol	14.92	184	13020	13.993	ng/ul	100
53) 4-Nitrophenol	15.01	109	31323	17.254	ng/ul	100
54) Dibenzofuran	15.21	168	148164	18.233	ng/ul	100
55) 2,4-Dinitrotoluene	15.17	165	42379	18.636	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.44	232	36934	17.180	ng/ul	100
57) Diethylphthalate	15.62	149	130136	17.698	ng/ul	100
59) Fluorene	15.87	166	125021	17.994	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.85	204	77393	17.823	ng/ul	100
61) 4-Nitroaniline	15.87	138	18075	14.734	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.93	198	25005	17.026	ng/ul	100
65) N-Nitrosodiphenylamine	16.06	169	110037	18.552	ng/ul	100
66) 4-Bromophenyl-phenylether	16.74	248	50349	18.144	ng/ul	100
67) Hexachlorobenzene	16.86	284	55143	18.221	ng/ul	100
68) Atrazine	16.99	200	51022	18.567	ng/ul	100
69) Pentachlorophenol	17.20	266	22227	16.986	ng/ul	100
70) Phenanthrene	17.60	178	213542	18.310	ng/ul	100
72) Anthracene	17.69	178	215368	18.526	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.63	216	65853	19.531	ng/uL	100
74) Pentachlorobenzene	15.14	250	63800	18.981	ng/uL	100
75) Carbazole	17.96	167	176044	18.989	ng/ul	100
76) Di-n-butylphthalate	18.50	149	206974	17.476	ng/ul	100
77) Fluoranthene	19.60	202	288702	19.455	ng/ul	100
80) Pyrene	19.95	202	287724	17.601	ng/ul	100
81) Butylbenzylphthalate	20.82	149	95497	17.558	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.72	252	88541	17.238	ng/ul	100
83) Benzo(a)anthracene	21.81	228	290110	18.067	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.69	149	137511	18.014	ng/ul	100
85) Chrysene	21.88	228	272936	18.009	ng/ul	100
87) Di-n-octyl phthalate	22.95	149	236025	18.157	ng/ul	100
88) Benzo(b)fluoranthene	24.11	252	310946	18.058	ng/ul	100
89) Benzo(k)fluoranthene	24.18	252	301216	17.652	ng/ul	100
91) Benzo(a)pyrene	25.02	252	276434	17.803	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	29.03	276	333610m	17.618	ng/ul	
93) Dibenzo(a,h)anthracene	29.08	278	271283	17.092	ng/ul	100
94) Benzo(g,h,i)perylene	30.22	276	277924m	17.877	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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