Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116473.D
Acq On : 23 Aug 2019 12:04
Operator : HP/JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Jagrut
8/28/2019 8:09:23 AM

Quant Time: Aug 23 13:17:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 12:15:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	137049	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	575061	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	295058	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	520038	20.00	ng	0.00
76) Chrysene-d12	14.04	240	355536	20.00	ng	0.00
87) Perylene-d12	15.50	264	341152	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1015092	123.99	ng	0.00
7) Phenol-d6	6.52	99	1314709	127.29	ng	0.01
23) Nitrobenzene-d5	7.45	82	1222279	122.69	ng	0.01
42) 2,4,6-Tribromophenol	10.70	330	315024	110.12	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2032971	129.06	ng	0.00
79) Terphenyl-d14	12.99	244	2169406	128.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.68	88	232163	56.135	ng	98
3) Pyridine	3.43	79	706015	61.111	ng	99
4) n-Nitrosodimethylamine	3.39	42	272498	59.768	ng	99
6) Aniline	6.55	93	900746	60.894	ng	99
8) 2-Chlorophenol	6.67	128	546601	60.380	ng	99
9) Benzaldehyde	6.43	77	423917	59.482	ng	98
10) Phenol	6.53	94	748698	61.554	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	557727	62.368	ng	100
12) 1,3-Dichlorobenzene	6.83	146	618578	59.125	ng	98
13) 1,4-Dichlorobenzene	6.90	146	617618	58.959	ng	98
14) 1,2-Dichlorobenzene	7.06	146	569436	59.035	ng	97
15) Benzyl Alcohol	7.03	79	532779	67.969	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	739148	60.598	ng	99
17) 2-Methylphenol	7.13	107	477000	62.228	ng	99
18) Hexachloroethane	7.40	117	236865	61.414	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	436041	68.126	ng	97
20) 3+4-Methylphenols	7.29	107	574128	63.292	ng	98
22) Acetophenone	7.30	105	805228	63.847	ng	96
24) Nitrobenzene	7.47	77	627704	58.353	ng	99
25) Isophorone	7.71	82	1149981	60.368	ng	98
26) 2-Nitrophenol	7.78	139	263439	51.953	ng	99
27) 2,4-Dimethylphenol	7.82	122	465071	60.963	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	706921	59.872	ng	99
29) 2,4-Dichlorophenol	8.02	162	454061	56.370	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	520838	56.724	ng	99
31) Naphthalene	8.19	128	1573737	58.155	ng	100
32) Benzoic acid	7.95	122	381318	70.896	ng	96
33) 4-Chloroaniline	8.23	127	695157	57.493	ng	99
34) Hexachlorobutadiene	8.31	225	286588	54.188	ng	99
35) Caprolactam	8.62	113	154793m	59.417	ng	
36) 4-Chloro-3-methylphenol	8.71	107	495093	59.082	ng	98
37) 2-Methylnaphthalene	8.88	142	1051757	59.014	ng	98
38) 1-Methylnaphthalene	8.98	142	986399	58.504	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	458178	58.085	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	259717	84.234	ng		97
43) 2,4,6-Trichlorophenol	9.15	196	338441	62.334	ng		98
44) 2,4,5-Trichlorophenol	9.19	196	329117	58.640	ng		98
46) 1,1'-Biphenyl	9.35	154	1321065	63.418	ng		100
47) 2-Chloronaphthalene	9.37	162	1031048	59.469	ng		98
48) 2-Nitroaniline	9.46	65	338909	59.139	ng		99
49) Acenaphthylene	9.78	152	1526059	60.333	ng		99
50) Dimethylphthalate	9.65	163	1176012	58.537	ng		99
51) 2,6-Dinitrotoluene	9.70	165	255630	58.551	ng		90
52) Acenaphthene	9.96	154	993214	64.006	ng		99
53) 3-Nitroaniline	9.87	138	302379	56.051	ng		97
54) 2,4-Dinitrophenol	9.97	184	97298	52.482	ng	#	1
55) Dibenzofuran	10.13	168	1357589	60.160	ng		99
56) 4-Nitrophenol	10.02	139	238914	69.134	ng		99
57) 2,4-Dinitrotoluene	10.10	165	334217	57.496	ng		89
58) Fluorene	10.47	166	1026403	59.118	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	279812	59.259	ng		100
60) Diethylphthalate	10.34	149	1169714	62.362	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	504670	57.394	ng		96
62) 4-Nitroaniline	10.48	138	301772	54.129	ng		98
63) Azobenzene	10.62	77	1206717	62.549	ng		96
65) 4,6-Dinitro-2-methylphenol	10.51	198	133141	48.312	ng		92
66) n-Nitrosodiphenylamine	10.57	169	950987	60.756	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	318088	57.138	ng	#	91
68) Hexachlorobenzene	11.02	284	341594	53.064	ng	#	88
69) Atrazine	11.10	200	297986	57.868	ng		99
70) Pentachlorophenol	11.20	266	213592	68.343	ng		99
71) Phenanthrene	11.43	178	1592744	59.910	ng		100
72) Anthracene	11.48	178	1599181	59.437	ng		99
73) Carbazole	11.63	167	1447375	59.294	ng		99
74) Di-n-butylphthalate	11.96	149	1758910	61.769	ng		99
75) Fluoranthene	12.61	202	1630373	58.578	ng		96
77) Benzidine	12.73	184	809739	67.414	ng		97
78) Pyrene	12.84	202	1645369	61.392	ng		98
80) Butylbenzylphthalate	13.46	149	734989	64.832	ng		90
81) Benzo(a)anthracene	14.03	228	1318051	58.001	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	477880	60.530	ng	#	99
83) Chrysene	14.07	228	1351977	61.281	ng		98
84) Bis(2-ethylhexyl)phthalate	14.02	149	945543	64.182	ng		100
85) Di-n-octyl phthalate	14.63	149	1661247	70.993	ng		99
86) Indeno(1,2,3-cd)pyrene	16.97	276	1054989	56.935	ng		100
88) Benzo(b)fluoranthene	15.07	252	1312644	66.544	ng		99
89) Benzo(k)fluoranthene	15.11	252	1139018	59.283	ng		98
90) Benzo(a)pyrene	15.44	252	1110952	63.003	ng		98
91) Dibenzo(a,h)anthracene	16.99	278	864012	56.606	ng		99
92) Benzo(g,h,i)perylene	17.42	276	811004	54.102	ng		98

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

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