Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110619\
Data File : BF117696.D
Acq On : 6 Nov 2019 13:01
Operator : JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Manual Integrations APPROVED
Sohil
11/8/2019 3:30:29 PM

Quant Time: Nov 06 14:21:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:03:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	376552	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	1465805	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	788903	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	1417822	20.00	ng		0.00
76) Chrysene-d12	14.13	240	1061333	20.00	ng		0.00
87) Perylene-d12	15.63	264	1016940	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	955930	41.90	ng		0.00
7) Phenol-d6	6.55	99	1176609	41.77	ng		-0.01
23) Nitrobenzene-d5	7.50	82	1074899	45.18	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	344003	44.74	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	2090509	50.82	ng		0.00
79) Terphenyl-d14	13.06	244	2373579	46.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	223346	21.014	ng		99
3) Pyridine	3.52	79	609597	21.249	ng		99
4) n-Nitrosodimethylamine	3.46	42	265826	20.459	ng		99
6) Aniline	6.59	93	771679	20.187	ng		99
8) 2-Chlorophenol	6.72	128	527890	22.554	ng		99
9) Benzaldehyde	6.48	77	428218	28.888	ng		97
10) Phenol	6.56	94	629933	22.391	ng		99
11) bis(2-Chloroethyl)ether	6.66	93	505092	21.873	ng		99
12) 1,3-Dichlorobenzene	6.87	146	616844	22.829	ng		96
13) 1,4-Dichlorobenzene	6.95	146	617641	22.761	ng		98
14) 1,2-Dichlorobenzene	7.11	146	589518	23.714	ng		97
15) Benzyl Alcohol	7.07	79	457501	22.133	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	816688	22.227	ng		100
17) 2-Methylphenol	7.17	107	436971	21.629	ng		100
18) Hexachloroethane	7.45	117	217802	21.667	ng		93
19) n-Nitroso-di-n-propylamine	7.34	70	376665	21.975	ng		97
20) 3+4-Methylphenols	7.33	107	564649	23.693	ng		95
22) Acetophenone	7.34	105	760050	23.022	ng	#	99
24) Nitrobenzene	7.52	77	560306	22.877	ng		99
25) Isophorone	7.75	82	1005561	22.045	ng		96
26) 2-Nitrophenol	7.83	139	237345	22.024	ng		95
27) 2,4-Dimethylphenol	7.86	122	429261	22.016	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	665771	23.116	ng		98
29) 2,4-Dichlorophenol	8.07	162	445289	22.680	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	521283	23.165	ng		98
31) Naphthalene	8.25	128	1566485	24.580	ng		97
32) Benzoic acid	7.95	122	297962m	20.504	ng		
33) 4-Chloroaniline	8.29	127	678206	22.548	ng		98
34) Hexachlorobutadiene	8.36	225	300499	23.330	ng		98
35) Caprolactam	8.64	113	142287	21.437	ng		99
36) 4-Chloro-3-methylphenol	8.76	107	449735	22.508	ng		100
37) 2-Methylnaphthalene	8.94	142	1049578	24.261	ng		98
38) 1-Methylnaphthalene	9.04	142	1003417	24.483	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	482737	23.094	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	242749	21.034	ng		100
43) 2,4,6-Trichlorophenol	9.21	196	333946	23.151	ng		100
44) 2,4,5-Trichlorophenol	9.25	196	329961	22.740	ng		95
46) 1,1'-Biphenyl	9.40	154	1294871	23.683	ng		96
47) 2-Chloronaphthalene	9.43	162	1035978	23.729	ng		99
48) 2-Nitroaniline	9.52	65	297226	22.645	ng		98
49) Acenaphthylene	9.85	152	1552691	24.155	ng		98
50) Dimethylphthalate	9.70	163	1177073	23.485	ng		98
51) 2,6-Dinitrotoluene	9.76	165	247907	22.744	ng		99
52) Acenaphthene	10.02	154	979545	24.152	ng		99
53) 3-Nitroaniline	9.93	138	299657	22.587	ng		94
54) 2,4-Dinitrophenol	10.03	184	68452	19.398	ng	#	30
55) Dibenzofuran	10.19	168	1395075	24.438	ng		95
56) 4-Nitrophenol	10.07	139	220247	22.403	ng		96
57) 2,4-Dinitrotoluene	10.16	165	318554	23.273	ng	#	87
58) Fluorene	10.53	166	1034046	24.433	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	284748	24.384	ng		99
60) Diethylphthalate	10.40	149	1170525	23.805	ng		99
61) 4-Chlorophenyl-phenylether	10.53	204	533876	24.390	ng		94
62) 4-Nitroaniline	10.54	138	291445	22.548	ng		99
63) Azobenzene	10.69	77	1132936	23.990	ng		97
65) 4,6-Dinitro-2-methylphenol	10.57	198	99922	19.571	ng		93
66) n-Nitrosodiphenylamine	10.64	169	948444	23.060	ng		100
67) 4-Bromophenyl-phenylether	11.02	248	342014	22.803	ng	#	92
68) Hexachlorobenzene	11.08	284	403646	23.203	ng		95
69) Atrazine	11.16	200	303828	35.745	ng		99
70) Pentachlorophenol	11.27	266	206237	23.399	ng		97
71) Phenanthrene	11.50	178	1613383	24.262	ng		97
72) Anthracene	11.55	178	1610778	24.104	ng		98
73) Carbazole	11.70	167	1443653	23.630	ng		99
74) Di-n-butylphthalate	12.03	149	1803759	24.597	ng		99
75) Fluoranthene	12.69	202	1643505	24.241	ng		96
77) Benzidine	12.81	184	841090	40.318	ng		99
78) Pyrene	12.92	202	1691593	22.673	ng		98
80) Butylbenzylphthalate	13.54	149	719853	21.230	ng		99
81) Benzo(a)anthracene	14.11	228	1464036	23.406	ng		98
82) 3,3'-Dichlorobenzidine	14.07	252	542520	24.057	ng	#	96
83) Chrysene	14.15	228	1425345	23.163	ng		99
84) Bis(2-ethylhexyl)phthalate	14.10	149	979545	22.572	ng		99
85) Di-n-octyl phthalate	14.73	149	1541861	22.906	ng		100
86) Indeno(1,2,3-cd)pyrene	17.17	276	1172287	20.313	ng		100
88) Benzo(b)fluoranthene	15.19	252	1413742	23.441	ng		98
89) Benzo(k)fluoranthene	15.22	252	1241757	22.252	ng		99
90) Benzo(a)pyrene	15.57	252	1186919	22.399	ng		99
91) Dibenzo(a,h)anthracene	17.19	278	1000964	21.221	ng		99
92) Benzo(g,h,i)perylene	17.63	276	908623	19.711	ng		99

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

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