Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
Data File : BF134543.D
Acq On : 01 Aug 2023 11:47
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 02 02:17:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 02:08:18 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	227994	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	822174	20.000	ng	#	0.00
39) Acenaphthene-d10	9.833	164	408827	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	742325	20.000	ng	#	0.00
76) Chrysene-d12	13.962	240	389787	20.000	ng	#	0.00
86) Perylene-d12	15.415	264	429624	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1984022	132.280	ng		0.00
7) Phenol-d6	6.439	99	2520460	131.460	ng		0.01
23) Nitrobenzene-d5	7.369	82	2133664	162.178	ng		0.01
42) 2,4,6-Tribromophenol	10.622	330	643474	154.399	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	3063825	124.605	ng		0.00
79) Terphenyl-d14	12.915	244	3381587	152.937	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.557	88	497742	72.128	ng	#	95
3) Pyridine	3.310	79	1360755	72.770	ng		93
4) n-Nitrosodimethylamine	3.298	42	655256	73.338	ng	#	65
6) Aniline	6.475	93	1752238	69.678	ng		92
8) 2-Chlorophenol	6.586	128	1001633	66.202	ng		98
10) Phenol	6.451	94	1236477m	65.439	ng		
11) bis(2-Chloroethyl)ether	6.545	93	1002822	66.813	ng		94
12) 1,3-Dichlorobenzene	6.739	146	1043434	66.656	ng		96
13) 1,4-Dichlorobenzene	6.816	146	1028490	65.556	ng		98
14) 1,2-Dichlorobenzene	6.969	146	913581	62.498	ng		98
15) Benzyl Alcohol	6.945	79	835044	63.133	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.081	45	1604997	68.256	ng		90
17) 2-Methylphenol	7.051	107	937651	70.131	ng		92
18) Hexachloroethane	7.310	117	381617	69.306	ng		93
19) n-Nitroso-di-n-propyla...	7.228	70	764444	66.593	ng		92
20) 3+4-Methylphenols	7.210	107	967867	60.026	ng	#	79
22) Acetophenone	7.216	105	1214036	63.962	ng	#	92
24) Nitrobenzene	7.386	77	1089811	76.675	ng		96
25) Isophorone	7.628	82	2144057	74.718	ng		99
26) 2-Nitrophenol	7.698	139	509656	80.645	ng	#	84
27) 2,4-Dimethylphenol	7.733	122	938644m	73.311	ng		
28) bis(2-Chloroethoxy)met...	7.833	93	1218744	71.000	ng		99
29) 2,4-Dichlorophenol	7.933	162	857497	73.791	ng		97
30) 1,2,4-Trichlorobenzene	8.016	180	872812	70.434	ng		99
31) Naphthalene	8.098	128	2767045	66.965	ng		98
32) Benzoic acid	7.886	122	727119	80.657	ng		90
33) 4-Chloroaniline	8.151	127	1346207	73.118	ng		98
34) Hexachlorobutadiene	8.216	225	499289	69.851	ng		96
35) Caprolactam	8.551	113	297259m	79.261	ng		
36) 4-Chloro-3-methylphenol	8.633	107	904899	73.529	ng		93
37) 2-Methylnaphthalene	8.792	142	1768696	64.577	ng		99
38) 1-Methylnaphthalene	8.892	142	1690719	66.384	ng		98
40) 1,2,4,5-Tetrachloroben...	8.957	216	804950	67.709	ng		98
41) Hexachlorocyclopentadiene	8.939	237	463185	80.120	ng		91
43) 2,4,6-Trichlorophenol	9.063	196	583511	74.997	ng		97
44) 2,4,5-Trichlorophenol	9.104	196	661901	74.435	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.257	154	2055902	64.668	ng		97
47) 2-Chloronaphthalene	9.280	162	1612906	67.708	ng		98
48) 2-Nitroaniline	9.375	65	606051	79.389	ng		96
49) Acenaphthylene	9.698	152	2489387	66.482	ng		99
50) Dimethylphthalate	9.569	163	1980147	71.064	ng		98
51) 2,6-Dinitrotoluene	9.627	165	461752	79.169	ng	#	78
52) Acenaphthene	9.869	154	1653438	68.138	ng		99
53) 3-Nitroaniline	9.798	138	553958	89.194	ng		97
54) 2,4-Dinitrophenol	9.892	184	178495	79.118	ng		92
55) Dibenzofuran	10.039	168	2269394	65.696	ng		96
56) 4-Nitrophenol	9.945	139	429726	84.599	ng	#	79
57) 2,4-Dinitrotoluene	10.027	165	545452	77.253	ng		91
58) Fluorene	10.386	166	1548111	61.528	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.157	232	529499	75.139	ng		96
60) Diethylphthalate	10.269	149	1834884	69.473	ng		95
61) 4-Chlorophenyl-phenyle...	10.374	204	761135	61.543	ng		95
62) 4-Nitroaniline	10.416	138	534448	87.795	ng		87
63) Azobenzene	10.539	77	1931065	68.051	ng		98
65) 4,6-Dinitro-2-methylph...	10.433	198	264375	80.845	ng		93
66) n-Nitrosodiphenylamine	10.498	169	1612401	68.242	ng		99
67) 4-Bromophenyl-phenylether	10.869	248	584450	71.922	ng		93
68) Hexachlorobenzene	10.927	284	613471	71.492	ng		95
69) Atrazine	11.027	200	436272	68.505	ng		97
70) Pentachlorophenol	11.116	266	432441	81.392	ng		95
71) Phenanthrene	11.345	178	2600432	65.952	ng		99
72) Anthracene	11.398	178	2632502	65.363	ng		97
73) Carbazole	11.551	167	2419878	67.293	ng		99
74) Di-n-butylphthalate	11.892	149	2653107	69.445	ng		98
75) Fluoranthene	12.533	202	2737292	65.722	ng		96
77) Benzidine	12.657	184	576195	68.096	ng		97
78) Pyrene	12.763	202	2801821	83.069	ng		96
80) Butylbenzylphthalate	13.392	149	1021323	89.549	ng	#	92
81) Benzo(a)anthracene	13.951	228	2108277	75.642	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	597724	73.985	ng		98
83) Chrysene	13.992	228	2052055	75.570	ng		98
84) Bis(2-ethylhexyl)phtha...	13.957	149	1017296	75.795	ng		98
85) Di-n-octyl phthalate	14.574	149	1706811	83.624	ng		96
87) Indeno(1,2,3-cd)pyrene	16.892	276	2189365	86.648	ng	#	91
88) Benzo(b)fluoranthene	14.998	252	1919044	73.239	ng	#	96
89) Benzo(k)fluoranthene	15.027	252	1826804	69.987	ng	#	98
90) Benzo(a)pyrene	15.362	252	1846527	75.583	ng	#	97
91) Dibenzo(a,h)anthracene	16.927	278	1774780	86.914	ng	#	96
92) Benzo(g,h,i)perylene	17.350	276	1870429	89.797	ng	#	93

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

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