Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134720.D
Acq On : 11 Aug 2023 08:08
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 11 22:18:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
08/12/2023
Supervised By :mohammad ahmed
08/12/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	204825	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	775543	20.000	ng	#	0.00
39) Acenaphthene-d10	9.839	164	399967	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	748840	20.000	ng	#	0.00
76) Chrysene-d12	13.974	240	498267	20.000	ng	#	0.00
86) Perylene-d12	15.445	264	431591	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	953522	70.765	ng		0.00
7) Phenol-d6	6.439	99	1213397	70.446	ng		0.00
23) Nitrobenzene-d5	7.369	82	1058168	85.266	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	367054	90.024	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1802705	74.940	ng		0.00
79) Terphenyl-d14	12.921	244	2103766	74.431	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.557	88	216865	34.981	ng	#	94
3) Pyridine	3.322	79	590355	35.142	ng		90
4) n-Nitrosodimethylamine	3.287	42	256686	31.979	ng	#	62
6) Aniline	6.469	93	783279	34.670	ng		92
8) 2-Chlorophenol	6.592	128	502603	36.977	ng		92
9) Benzaldehyde	6.357	77	317625	37.441	ng		96
10) Phenol	6.457	94	626822m	36.928	ng		
11) bis(2-Chloroethyl)ether	6.545	93	492032	36.490	ng		92
12) 1,3-Dichlorobenzene	6.745	146	526028m	37.404	ng		
13) 1,4-Dichlorobenzene	6.822	146	523694	37.156	ng		96
14) 1,2-Dichlorobenzene	6.969	146	484246	36.874	ng		98
15) Benzyl Alcohol	6.945	79	424404	35.716	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.081	45	749066	35.459	ng		90
17) 2-Methylphenol	7.057	107	439875	36.622	ng		93
18) Hexachloroethane	7.310	117	193104	39.037	ng		94
19) n-Nitroso-di-n-propyla...	7.222	70	351381	34.073	ng	#	88
20) 3+4-Methylphenols	7.210	107	498249	34.396	ng	#	83
22) Acetophenone	7.216	105	624688	34.891	ng	#	88
24) Nitrobenzene	7.386	77	535352	39.930	ng		93
25) Isophorone	7.628	82	992223	36.657	ng		98
26) 2-Nitrophenol	7.698	139	269100	47.251	ng	#	89
27) 2,4-Dimethylphenol	7.739	122	443202	36.697	ng		84
28) bis(2-Chloroethoxy)met...	7.834	93	601349	37.139	ng		99
29) 2,4-Dichlorophenol	7.939	162	417994	38.133	ng		98
30) 1,2,4-Trichlorobenzene	8.022	180	447772	38.307	ng		97
31) Naphthalene	8.104	128	1447311	37.132	ng		99
32) Benzoic acid	7.863	122	343781	44.351	ng		94
33) 4-Chloroaniline	8.151	127	640895	36.903	ng		99
34) Hexachlorobutadiene	8.216	225	267219	39.632	ng		97
35) Caprolactam	8.533	113	141332	39.964	ng		96
36) 4-Chloro-3-methylphenol	8.633	107	451516	38.894	ng		96
37) 2-Methylnaphthalene	8.792	142	966727	37.418	ng		99
38) 1-Methylnaphthalene	8.892	142	904537	37.651	ng		95
40) 1,2,4,5-Tetrachloroben...	8.957	216	454041	39.038	ng		100
41) Hexachlorocyclopentadiene	8.945	237	183657	32.472	ng		94
43) 2,4,6-Trichlorophenol	9.075	196	301633	39.627	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	349360	40.158	ng		95
46) 1,1'-Biphenyl	9.257	154	1156992	37.199	ng		98
47) 2-Chloronaphthalene	9.280	162	860110	36.906	ng		99
48) 2-Nitroaniline	9.380	65	300851	41.842	ng		92
49) Acenaphthylene	9.698	152	1358254	37.077	ng		100
50) Dimethylphthalate	9.563	163	1054279	38.674	ng		97
51) 2,6-Dinitrotoluene	9.628	165	245303	44.130	ng	#	77
52) Acenaphthene	9.869	154	909608m	38.315	ng		
53) 3-Nitroaniline	9.798	138	278194	45.785	ng		94
54) 2,4-Dinitrophenol	9.898	184	113961	58.615	ng		93
55) Dibenzofuran	10.045	168	1262878	37.368	ng		94
56) 4-Nitrophenol	9.957	139	197861	39.815	ng	#	67
57) 2,4-Dinitrotoluene	10.028	165	314537	46.705	ng	#	90
58) Fluorene	10.386	166	912628	37.075	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.163	232	280525	40.758	ng		96
60) Diethylphthalate	10.263	149	996853	38.579	ng		96
61) 4-Chlorophenyl-phenyle...	10.380	204	460870	38.090	ng		94
62) 4-Nitroaniline	10.410	138	273788	45.972	ng		85
63) Azobenzene	10.539	77	1005895	36.233	ng		97
65) 4,6-Dinitro-2-methylph...	10.439	198	170119	54.720	ng		84
66) n-Nitrosodiphenylamine	10.504	169	873013	36.627	ng		99
67) 4-Bromophenyl-phenylether	10.869	248	322305	39.318	ng		98
68) Hexachlorobenzene	10.933	284	336521	38.876	ng		97
69) Atrazine	11.033	200	249124	38.778	ng		98
70) Pentachlorophenol	11.127	266	228005	42.541	ng		96
71) Phenanthrene	11.351	178	1453159	36.534	ng		99
72) Anthracene	11.404	178	1491088	36.701	ng		98
73) Carbazole	11.563	167	1322566	36.458	ng		99
74) Di-n-butylphthalate	11.892	149	1505683	39.069	ng		98
75) Fluoranthene	12.539	202	1555186	37.015	ng		95
77) Benzidine	12.663	184	370407	34.245	ng		99
78) Pyrene	12.774	202	1594771	36.988	ng		97
80) Butylbenzylphthalate	13.398	149	610864	41.899	ng	#	95
81) Benzo(a)anthracene	13.968	228	1229212	34.501	ng		98
82) 3,3'-Dichlorobenzidine	13.933	252	423447	41.002	ng		98
83) Chrysene	14.004	228	1280402	36.887	ng		100
84) Bis(2-ethylhexyl)phtha...	13.963	149	671965	39.165	ng		99
85) Di-n-octyl phthalate	14.580	149	1119187	42.896	ng		98
87) Indeno(1,2,3-cd)pyrene	16.945	276	1008461	39.730	ng	#	92
88) Benzo(b)fluoranthene	15.015	252	1017372	38.651	ng	#	98
89) Benzo(k)fluoranthene	15.045	252	1042254	39.748	ng	#	98
90) Benzo(a)pyrene	15.380	252	949957	38.707	ng	#	95
91) Dibenzo(a,h)anthracene	16.962	278	818580	39.905	ng	#	96
92) Benzo(g,h,i)perylene	17.392	276	836032	39.954	ng	#	93

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

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