Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
Data File : BF129883.D
Acq On : 18 Aug 2022 19:11
Operator : CG\JU
Sample : N4200-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 19 01:01:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 18 12:03:10 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
S13MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	125077	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	496834	20.000	ng		0.00
39) Acenaphthene-d10	9.833	164	253456	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	399638	20.000	ng		0.00
76) Chrysene-d12	13.974	240	233527	20.000	ng		0.00
86) Perylene-d12	15.433	264	265024	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	921722	122.012	ng		0.02
7) Phenol-d6	6.457	99	1055364	111.559	ng		0.00
23) Nitrobenzene-d5	7.363	82	794099	85.561	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	328251	129.039	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1443548	86.503	ng		0.00
79) Terphenyl-d14	12.910	244	1300367	92.654	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	127401	40.878	ng	#	84
3) Pyridine	3.451	79	266970	32.733	ng		98
4) n-Nitrosodimethylamine	3.352	42	176301	46.904	ng		97
6) Aniline	6.463	93	234485	21.748	ng	#	47
8) 2-Chlorophenol	6.592	128	390498	46.434	ng		98
9) Benzaldehyde	6.351	77	137440	24.547	ng		99
10) Phenol	6.469	94	405551	39.082	ng	#	78
11) bis(2-Chloroethyl)ether	6.534	93	388548	49.308	ng		99
12) 1,3-Dichlorobenzene	6.734	146	377824	41.615	ng		99
13) 1,4-Dichlorobenzene	6.810	146	384551	41.454	ng		99
14) 1,2-Dichlorobenzene	6.963	146	368439	42.763	ng		99
15) Benzyl Alcohol	6.951	79	334392	46.822	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.069	45	493792	46.765	ng		95
17) 2-Methylphenol	7.069	107	298135	44.151	ng		98
18) Hexachloroethane	7.298	117	145611	41.799	ng		96
19) n-Nitroso-di-n-propyla...	7.210	70	280218	46.862	ng		98
20) 3+4-Methylphenols	7.222	107	389741	42.998	ng		97
22) Acetophenone	7.210	105	563036	46.504	ng		98
24) Nitrobenzene	7.381	77	414615	44.303	ng		95
25) Isophorone	7.622	82	751401	47.038	ng		99
26) 2-Nitrophenol	7.698	139	210230	45.669	ng		99
27) 2,4-Dimethylphenol	7.739	122	330000	49.987	ng		96
28) bis(2-Chloroethoxy)met...	7.828	93	463546	49.699	ng		98
29) 2,4-Dichlorophenol	7.951	162	323530	44.818	ng		100
30) 1,2,4-Trichlorobenzene	8.016	180	317782	41.728	ng		99
31) Naphthalene	8.098	128	1107394	42.629	ng		100
32) Benzoic acid	7.892	122	142909	48.149	ng		90
33) 4-Chloroaniline	8.157	127	212307	20.783	ng		98
34) Hexachlorobutadiene	8.204	225	192473	41.507	ng		99
35) Caprolactam	8.545	113	78309m	34.884	ng		
36) 4-Chloro-3-methylphenol	8.657	107	347650	44.641	ng		97
37) 2-Methylnaphthalene	8.786	142	738105	43.291	ng		99
38) 1-Methylnaphthalene	8.886	142	709888	42.842	ng		98
40) 1,2,4,5-Tetrachloroben...	8.957	216	325554	46.182	ng		99
41) Hexachlorocyclopentadiene	8.934	237	193885	83.005	ng		100
43) 2,4,6-Trichlorophenol	9.081	196	214476	46.827	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	224279	45.514	ng		98
46) 1,1'-Biphenyl	9.251	154	909236	47.221	ng		99
47) 2-Chloronaphthalene	9.281	162	692737	45.470	ng		98
48) 2-Nitroaniline	9.386	65	214778	44.610	ng		100
49) Acenaphthylene	9.698	152	1041712	45.091	ng		99
50) Dimethylphthalate	9.557	163	808524	44.499	ng		100
51) 2,6-Dinitrotoluene	9.628	165	179670	45.586	ng		96
52) Acenaphthene	9.869	154	635948	45.372	ng		100
53) 3-Nitroaniline	9.804	138	110643	25.384	ng		100
54) 2,4-Dinitrophenol	9.922	184	147578	82.624	ng		95
55) Dibenzofuran	10.039	168	945505	44.901	ng		97
56) 4-Nitrophenol	9.992	139	154284	79.565	ng		93
57) 2,4-Dinitrotoluene	10.039	165	226259	44.222	ng		92
58) Fluorene	10.386	166	765593	43.543	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	167750	46.388	ng	#	81
60) Diethylphthalate	10.257	149	785459	43.355	ng		98
61) 4-Chlorophenyl-phenyle...	10.375	204	354573	44.938	ng		99
62) 4-Nitroaniline	10.422	138	163365m	37.152	ng		
63) Azobenzene	10.533	77	754314	43.559	ng		99
65) 4,6-Dinitro-2-methylph...	10.457	198	102543	43.708	ng		86
66) n-Nitrosodiphenylamine	10.498	169	640953	47.518	ng		100
67) 4-Bromophenyl-phenylether	10.863	248	221562	47.334	ng		100
68) Hexachlorobenzene	10.933	284	242145	47.757	ng		97
69) Atrazine	11.027	200	198969	48.060	ng		99
70) Pentachlorophenol	11.139	266	163420	105.740	ng		96
71) Phenanthrene	11.351	178	1002783	44.928	ng		100
72) Anthracene	11.404	178	1020601	45.982	ng		100
73) Carbazole	11.563	167	877742	43.564	ng		100
74) Di-n-butylphthalate	11.880	149	1162039	44.812	ng		99
75) Fluoranthene	12.539	202	930697	40.750	ng		98
78) Pyrene	12.769	202	916523	45.164	ng		100
80) Butylbenzylphthalate	13.380	149	394414	45.931	ng		99
81) Benzo(a)anthracene	13.963	228	719833	44.809	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	189516	38.092	ng		99
83) Chrysene	13.998	228	673125	44.763	ng		100
84) Bis(2-ethylhexyl)phtha...	13.933	149	543142	53.314	ng		98
85) Di-n-octyl phthalate	14.545	149	843533	59.980	ng		100
87) Indeno(1,2,3-cd)pyrene	16.909	276	929403	51.082	ng		100
88) Benzo(b)fluoranthene	15.010	252	792942	43.694	ng		100
89) Benzo(k)fluoranthene	15.039	252	747190	42.933	ng		98
90) Benzo(a)pyrene	15.374	252	688102	48.149	ng		100
91) Dibenzo(a,h)anthracene	16.915	278	807170	53.767	ng		98
92) Benzo(g,h,i)perylene	17.351	276	801639	53.524	ng		98

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

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