Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
Data File : BF129967.D
Acq On : 24 Aug 2022 11:09
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 24 14:05:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 04:41:40 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	118946	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	461065	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	253993	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	433190	20.000	ng	0.00
76) Chrysene-d12	13.945	240	283746	20.000	ng	# 0.00
86) Perylene-d12	15.392	264	209548	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	571581	79.563	ng	0.00
7) Phenol-d6	6.434	99	706703	78.554	ng	0.00
23) Nitrobenzene-d5	7.345	82	704426	81.787	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	200016	78.462	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1312950	78.511	ng	0.00
79) Terphenyl-d14	12.880	244	1389090	81.459	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.428	88	114280	38.558	ng	96
3) Pyridine	3.193	79	294802	38.008	ng	97
4) n-Nitrosodimethylamine	3.152	42	156937	43.904	ng	92
6) Aniline	6.440	93	404740	39.473	ng	87
8) 2-Chlorophenol	6.569	128	318340	39.805	ng	99
9) Benzaldehyde	6.328	77	212284	44.888	ng	98
10) Phenol	6.445	94	391574	39.680	ng	94
11) bis(2-Chloroethyl)ether	6.510	93	292879	39.083	ng	96
12) 1,3-Dichlorobenzene	6.710	146	335987	38.915	ng	100
13) 1,4-Dichlorobenzene	6.787	146	342995	38.880	ng	99
14) 1,2-Dichlorobenzene	6.939	146	321783	39.273	ng	98
15) Benzyl Alcohol	6.928	79	282959	41.663	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.045	45	406891	40.521	ng	94
17) 2-Methylphenol	7.045	107	256185	39.895	ng	97
18) Hexachloroethane	7.275	117	135528	40.910	ng	94
19) n-Nitroso-di-n-propyla...	7.192	70	238700	41.976	ng	98
20) 3+4-Methylphenols	7.198	107	348436	40.422	ng	90
22) Acetophenone	7.187	105	461379	41.064	ng	97
24) Nitrobenzene	7.363	77	349922	40.291	ng	95
25) Isophorone	7.598	82	602688	40.656	ng	99
26) 2-Nitrophenol	7.675	139	171359	40.113	ng	92
27) 2,4-Dimethylphenol	7.722	122	241276	39.382	ng	97
28) bis(2-Chloroethoxy)met...	7.804	93	343323	39.665	ng	99
29) 2,4-Dichlorophenol	7.928	162	269978	40.301	ng	99
30) 1,2,4-Trichlorobenzene	7.992	180	274855	38.892	ng	98
31) Naphthalene	8.075	128	944052	39.160	ng	100
32) Benzoic acid	7.875	122	117376	43.938	ng	91
33) 4-Chloroaniline	8.134	127	363978	38.394	ng	96
34) Hexachlorobutadiene	8.186	225	174149	40.469	ng	98
35) Caprolactam	8.516	113	83893m	40.271	ng	
36) 4-Chloro-3-methylphenol	8.633	107	301636	41.737	ng	100
37) 2-Methylnaphthalene	8.763	142	627117	39.635	ng	100
38) 1-Methylnaphthalene	8.863	142	605419	39.372	ng	99
40) 1,2,4,5-Tetrachloroben...	8.933	216	272640	38.594	ng	99
41) Hexachlorocyclopentadiene	8.910	237	71879	44.476	ng	97
43) 2,4,6-Trichlorophenol	9.057	196	180421	39.308	ng	96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.104	196	191826	38.846	ng		97
46)	1,1'-Biphenyl	9.228	154	746356	38.680	ng		100
47)	2-Chloronaphthalene	9.257	162	600400	39.326	ng		98
48)	2-Nitroaniline	9.369	65	201080	41.676	ng		91
49)	Acenaphthylene	9.669	152	900596	38.900	ng		100
50)	Dimethylphthalate	9.533	163	719745	39.529	ng		99
51)	2,6-Dinitrotoluene	9.604	165	157539	39.886	ng		89
52)	Acenaphthene	9.845	154	546366	38.898	ng		99
53)	3-Nitroaniline	9.780	138	171852	39.344	ng		93
54)	2,4-Dinitrophenol	9.898	184	68742	41.334	ng		94
55)	Dibenzofuran	10.016	168	811851	38.472	ng		96
56)	4-Nitrophenol	9.975	139	84648	43.561	ng		93
57)	2,4-Dinitrotoluene	10.016	165	207387	40.448	ng		92
58)	Fluorene	10.357	166	693366	39.352	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.145	232	148321	40.928	ng	#	76
60)	Diethylphthalate	10.228	149	721882	39.762	ng		97
61)	4-Chlorophenyl-phenyle...	10.345	204	306914	38.815	ng		93
62)	4-Nitroaniline	10.404	138	174973m	39.708	ng		
63)	Azobenzene	10.510	77	707225	40.754	ng		97
65)	4,6-Dinitro-2-methylph...	10.433	198	104023	40.904	ng		93
66)	n-Nitrosodiphenylamine	10.469	169	578660	39.577	ng		99
67)	4-Bromophenyl-phenylether	10.833	248	198947	39.211	ng		96
68)	Hexachlorobenzene	10.904	284	219764	39.985	ng		98
69)	Atrazine	10.998	200	173586	38.682	ng		98
70)	Pentachlorophenol	11.116	266	56635	37.332	ng		95
71)	Phenanthrene	11.322	178	959250	39.649	ng		100
72)	Anthracene	11.374	178	954811	39.686	ng		100
73)	Carbazole	11.533	167	857572	39.266	ng		99
74)	Di-n-butylphthalate	11.851	149	1115762	39.695	ng		99
75)	Fluoranthene	12.510	202	992393	40.085	ng		98
77)	Benzidine	12.633	184	301381	44.152	ng		99
78)	Pyrene	12.745	202	989196	40.118	ng		100
80)	Butylbenzylphthalate	13.345	149	405824	38.896	ng		90
81)	Benzo(a)anthracene	13.933	228	760504	38.962	ng		99
82)	3,3'-Dichlorobenzidine	13.892	252	237868	39.348	ng		99
83)	Chrysene	13.968	228	721696	39.499	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.898	149	455036	36.760	ng	#	97
85)	Di-n-octyl phthalate	14.510	149	638018	37.338	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.845	276	636226	44.226	ng		98
88)	Benzo(b)fluoranthene	14.968	252	560004	39.028	ng		99
89)	Benzo(k)fluoranthene	14.998	252	534144	38.817	ng		99
90)	Benzo(a)pyrene	15.333	252	444595	39.346	ng		98
91)	Dibenzo(a,h)anthracene	16.845	278	526312	44.340	ng		99
92)	Benzo(g,h,i)perylene	17.280	276	535013	45.179	ng		99

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

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