Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
Data File : BF131321.D
Acq On : 22 Nov 2022 09:14
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

Quant Time: Nov 23 03:23:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 01:17:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	127622	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	447908	20.000	ng	0.00
39) Acenaphthene-d10	10.027	164	255561	20.000	ng	0.00
64) Phenanthrene-d10	11.521	188	437879	20.000	ng	0.00
76) Chrysene-d12	14.180	240	273766	20.000	ng	0.00
86) Perylene-d12	15.715	264	226577	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	512248	76.391	ng	0.00
7) Phenol-d6	6.586	99	643741	75.242	ng	0.00
23) Nitrobenzene-d5	7.539	82	663146	74.632	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	173461	80.678	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	1248063	71.048	ng	0.00
79) Terphenyl-d14	13.115	244	1241482	74.156	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	121104	37.882	ng	98
3) Pyridine	3.546	79	329952	37.170	ng	98
4) n-Nitrosodimethylamine	3.516	42	193652	36.993	ng	97
6) Aniline	6.634	93	413524m	36.880	ng	
8) 2-Chlorophenol	6.751	128	285089	37.527	ng	98
9) Benzaldehyde	6.522	77	203148	38.228	ng	95
10) Phenol	6.598	94	354759	37.399	ng	98
11) bis(2-Chloroethyl)ether	6.704	93	292642	36.822	ng	100
12) 1,3-Dichlorobenzene	6.910	146	330853	36.542	ng	99
13) 1,4-Dichlorobenzene	6.986	146	334058	36.311	ng	100
14) 1,2-Dichlorobenzene	7.139	146	311474	36.770	ng	99
15) Benzyl Alcohol	7.110	79	270888	38.615	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.245	45	552719	36.365	ng	99
17) 2-Methylphenol	7.210	107	243367	37.586	ng	99
18) Hexachloroethane	7.486	117	122899	37.343	ng	99
19) n-Nitroso-di-n-propyla...	7.386	70	227717	36.358	ng	98
20) 3+4-Methylphenols	7.369	107	313292	37.895	ng	98
22) Acetophenone	7.381	105	418792	36.732	ng	99
24) Nitrobenzene	7.557	77	346447	37.422	ng	99
25) Isophorone	7.792	82	590985	37.280	ng	100
26) 2-Nitrophenol	7.875	139	109646	36.747	ng	89
27) 2,4-Dimethylphenol	7.904	122	244174	39.732	ng	95
28) bis(2-Chloroethoxy)met...	8.004	93	331735	36.843	ng	98
29) 2,4-Dichlorophenol	8.110	162	259421	38.916	ng	98
30) 1,2,4-Trichlorobenzene	8.198	180	306562	37.123	ng	99
31) Naphthalene	8.280	128	877711	36.772	ng	99
32) Benzoic acid	8.016	122	132649	37.928	ng	87
33) 4-Chloroaniline	8.328	127	347498	36.903	ng	98
34) Hexachlorobutadiene	8.392	225	197096	36.859	ng	98
35) Caprolactam	8.704	113	72507	41.392	ng	93
36) 4-Chloro-3-methylphenol	8.804	107	268877	38.823	ng	96
37) 2-Methylnaphthalene	8.975	142	593626	36.706	ng	100
38) 1-Methylnaphthalene	9.075	142	570081	36.351	ng	99
40) 1,2,4,5-Tetrachloroben...	9.139	216	299183	36.075	ng	99
41) Hexachlorocyclopentadiene	9.127	237	137256	36.816	ng	96
43) 2,4,6-Trichlorophenol	9.251	196	181052	38.483	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.286	196	217622	41.136	ng		98
46)	1,1'-Biphenyl	9.445	154	705887	36.195	ng		99
47)	2-Chloronaphthalene	9.469	162	573512	36.659	ng		100
48)	2-Nitroaniline	9.563	65	186322	39.224	ng		99
49)	Acenaphthylene	9.886	152	864885	36.266	ng		100
50)	Dimethylphthalate	9.745	163	658697	36.993	ng		98
51)	2,6-Dinitrotoluene	9.804	165	135651	38.094	ng		99
52)	Acenaphthene	10.063	154	542055	36.298	ng		99
53)	3-Nitroaniline	9.974	138	138996	37.987	ng		89
54)	2,4-Dinitrophenol	10.074	184	42630	36.233	ng		96
55)	Dibenzofuran	10.233	168	780565	36.331	ng		99
56)	4-Nitrophenol	10.122	139	100559	39.599	ng		93
57)	2,4-Dinitrotoluene	10.210	165	174674	38.986	ng		96
58)	Fluorene	10.574	166	606009	36.142	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.345	232	178989	40.626	ng		100
60)	Diethylphthalate	10.445	149	628072	37.357	ng		99
61)	4-Chlorophenyl-phenyle...	10.569	204	308467	35.886	ng		100
62)	4-Nitroaniline	10.598	138	138427	38.013	ng		98
63)	Azobenzene	10.727	77	647549	35.820	ng		99
65)	4,6-Dinitro-2-methylph...	10.616	198	65575	37.693	ng		95
66)	n-Nitrosodiphenylamine	10.686	169	517838	37.113	ng		99
67)	4-Bromophenyl-phenylether	11.063	248	199756	37.221	ng		98
68)	Hexachlorobenzene	11.121	284	212335	37.278	ng		98
69)	Atrazine	11.216	200	172112	40.064	ng		98
70)	Pentachlorophenol	11.316	266	117564	38.233	ng		99
71)	Phenanthrene	11.545	178	868986	36.721	ng		99
72)	Anthracene	11.598	178	850407	36.566	ng		99
73)	Carbazole	11.751	167	732094	36.903	ng		99
74)	Di-n-butylphthalate	12.080	149	936305	40.053	ng		99
75)	Fluoranthene	12.739	202	914641	36.679	ng		100
77)	Benzidine	12.863	184	199765	39.504	ng		99
78)	Pyrene	12.974	202	908223	37.601	ng		100
80)	Butylbenzylphthalate	13.592	149	309816	38.978	ng		100
81)	Benzo(a)anthracene	14.168	228	695251	37.050	ng		98
82)	3,3'-Dichlorobenzidine	14.127	252	198158	39.795	ng		100
83)	Chrysene	14.204	228	673289	36.571	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.151	149	410609	38.851	ng		99
85)	Di-n-octyl phthalate	14.780	149	583378	40.143	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.303	276	603693	39.670	ng		100
88)	Benzo(b)fluoranthene	15.262	252	556169	36.950	ng		100
89)	Benzo(k)fluoranthene	15.292	252	570115	36.857	ng		99
90)	Benzo(a)pyrene	15.651	252	469510	38.015	ng	#	98
91)	Dibenzo(a,h)anthracene	17.327	278	499248	39.737	ng		99
92)	Benzo(g,h,i)perylene	17.780	276	495547	39.518	ng		99

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

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