Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
Data File : BF131466.D
Acq On : 30 Nov 2022 10:03
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 01:10:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 01 01:09:58 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.945	152	118911	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	420370	20.000	ng	#	0.00
39) Acenaphthene-d10	10.004	164	224272	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	410707	20.000	ng		0.00
76) Chrysene-d12	14.157	240	263017	20.000	ng	#	0.00
86) Perylene-d12	15.692	264	223143	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	525237	84.066	ng		0.00
7) Phenol-d6	6.569	99	652942	81.909	ng		0.00
23) Nitrobenzene-d5	7.516	82	620043	74.352	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	177590	94.121	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1110618	72.044	ng		0.00
79) Terphenyl-d14	13.098	244	1165923	72.489	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	121844	40.906	ng		90
3) Pyridine	3.516	79	345653	41.792	ng		85
4) n-Nitrosodimethylamine	3.487	42	156832	32.154	ng	#	72
6) Aniline	6.610	93	413191m	39.550	ng		
8) 2-Chlorophenol	6.734	128	289687	40.926	ng		95
9) Benzaldehyde	6.498	77	196357	40.105	ng		98
10) Phenol	6.587	94	371069	41.984	ng		88
11) bis(2-Chloroethyl)ether	6.681	93	280961	37.942	ng		97
12) 1,3-Dichlorobenzene	6.887	146	321361	38.094	ng		99
13) 1,4-Dichlorobenzene	6.969	146	325816	38.009	ng		98
14) 1,2-Dichlorobenzene	7.122	146	299061	37.890	ng		96
15) Benzyl Alcohol	7.087	79	251672	38.504	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.222	45	450750	31.829	ng		95
17) 2-Methylphenol	7.198	107	241911	40.098	ng		94
18) Hexachloroethane	7.463	117	116611	38.028	ng		97
19) n-Nitroso-di-n-propyla...	7.363	70	200008	34.273	ng		88
20) 3+4-Methylphenols	7.351	107	311693	40.464	ng		94
22) Acetophenone	7.363	105	384765	35.959	ng	#	91
24) Nitrobenzene	7.540	77	319602	36.784	ng		89
25) Isophorone	7.775	82	525012	35.288	ng		97
26) 2-Nitrophenol	7.851	139	150199	51.987	ng		87
27) 2,4-Dimethylphenol	7.887	122	238825	41.407	ng		94
28) bis(2-Chloroethoxy)met...	7.987	93	304967	36.089	ng		99
29) 2,4-Dichlorophenol	8.092	162	253413	40.505	ng		97
30) 1,2,4-Trichlorobenzene	8.181	180	279382	36.048	ng		99
31) Naphthalene	8.263	128	844452	37.696	ng		99
32) Benzoic acid	7.998	122	180133m	49.461	ng		
33) 4-Chloroaniline	8.310	127	336735	38.103	ng		95
34) Hexachlorobutadiene	8.375	225	168000	33.476	ng		97
35) Caprolactam	8.686	113	76620	46.605	ng	#	74
36) 4-Chloro-3-methylphenol	8.786	107	257015	39.542	ng		99
37) 2-Methylnaphthalene	8.957	142	549170	36.181	ng		98
38) 1-Methylnaphthalene	9.057	142	532400	36.172	ng		98
40) 1,2,4,5-Tetrachloroben...	9.122	216	270082	37.110	ng		99
41) Hexachlorocyclopentadiene	9.104	237	128723	39.344	ng		99
43) 2,4,6-Trichlorophenol	9.233	196	186135	45.084	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	200223	43.127	ng		99
46) 1,1'-Biphenyl	9.422	154	643965	37.627	ng		97
47) 2-Chloronaphthalene	9.451	162	525132	38.249	ng		98
48) 2-Nitroaniline	9.545	65	184162	44.179	ng		94
49) Acenaphthylene	9.869	152	807936	38.604	ng		99
50) Dimethylphthalate	9.722	163	593494	37.982	ng		100
51) 2,6-Dinitrotoluene	9.786	165	139691	44.702	ng	#	78
52) Acenaphthene	10.039	154	521154	39.767	ng		100
53) 3-Nitroaniline	9.957	138	149954	46.699	ng		96
54) 2,4-Dinitrophenol	10.063	184	74666	59.511	ng	#	73
55) Dibenzofuran	10.210	168	719711	38.172	ng		96
56) 4-Nitrophenol	10.110	139	118059	52.976	ng		84
57) 2,4-Dinitrotoluene	10.192	165	184354	46.887	ng	#	83
58) Fluorene	10.557	166	564821	38.385	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.328	232	167196	43.244	ng		96
60) Diethylphthalate	10.428	149	543376	36.828	ng		97
61) 4-Chlorophenyl-phenyle...	10.545	204	273686	36.282	ng		98
62) 4-Nitroaniline	10.580	138	151507	47.409	ng	#	83
63) Azobenzene	10.710	77	562684	35.468	ng		91
65) 4,6-Dinitro-2-methylph...	10.598	198	101882	55.186	ng		82
66) n-Nitrosodiphenylamine	10.669	169	486846	37.201	ng		99
67) 4-Bromophenyl-phenylether	11.039	248	177750	35.312	ng		98
68) Hexachlorobenzene	11.104	284	192458	36.024	ng		93
69) Atrazine	11.192	200	154043	38.230	ng		99
70) Pentachlorophenol	11.298	266	116953	40.255	ng		98
71) Phenanthrene	11.527	178	835221	37.630	ng		99
72) Anthracene	11.580	178	821039	37.639	ng		100
73) Carbazole	11.733	167	745491	40.065	ng		99
74) Di-n-butylphthalate	12.063	149	798607	36.423	ng		99
75) Fluoranthene	12.722	202	899585	38.462	ng		98
77) Benzidine	12.845	184	232928	47.945	ng		96
78) Pyrene	12.957	202	909698	39.201	ng		99
80) Butylbenzylphthalate	13.569	149	292739	38.403	ng		98
81) Benzo(a)anthracene	14.145	228	700500	38.855	ng		99
82) 3,3'-Dichlorobenzidine	14.110	252	203784	42.597	ng		98
83) Chrysene	14.186	228	660066	37.318	ng		99
84) Bis(2-ethylhexyl)phtha...	14.127	149	321397	32.347	ng	#	99
85) Di-n-octyl phthalate	14.757	149	451264	33.955	ng		95
87) Indeno(1,2,3-cd)pyrene	17.256	276	638512	42.604	ng		97
88) Benzo(b)fluoranthene	15.233	252	561191m	37.857	ng		
89) Benzo(k)fluoranthene	15.268	252	535219	35.134	ng		99
90) Benzo(a)pyrene	15.627	252	464225	38.166	ng	#	98
91) Dibenzo(a,h)anthracene	17.280	278	520570	42.071	ng		97
92) Benzo(g,h,i)perylene	17.739	276	539769	43.707	ng		98

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

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