Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
Data File : BF131472.D
Acq On : 30 Nov 2022 15:35
Operator : CG\JU
Sample : N5793-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 01 01:12:57 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 :
B-40-SB02MS

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	105102	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	386492	20.000	ng	#	0.00
39) Acenaphthene-d10	10.004	164	231192	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	473488	20.000	ng		0.00
76) Chrysene-d12	14.163	240	314559	20.000	ng	#	0.00
86) Perylene-d12	15.692	264	241252	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	858532	155.465	ng		0.02
7) Phenol-d6	6.581	99	1089679	154.655	ng		0.01
23) Nitrobenzene-d5	7.516	82	600318	78.297	ng		0.00
42) 2,4,6-Tribromophenol	10.804	330	324323	166.744	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1082657	68.128	ng		0.00
79) Terphenyl-d14	13.098	244	1315385	68.382	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.857	88	109254	41.498	ng		97
3) Pyridine	3.604	79	294743	40.318	ng		92
4) n-Nitrosodimethylamine	3.581	42	177645	41.207	ng		93
6) Aniline	6.610	93	448049m	48.521	ng		
8) 2-Chlorophenol	6.734	128	388960	62.170	ng		96
9) Benzaldehyde	6.498	77	193462	46.352	ng		97
10) Phenol	6.593	94	496840	63.600	ng		88
11) bis(2-Chloroethyl)ether	6.681	93	371207	56.715	ng		99
12) 1,3-Dichlorobenzene	6.887	146	344154	46.155	ng		99
13) 1,4-Dichlorobenzene	6.969	146	348557	46.005	ng		97
14) 1,2-Dichlorobenzene	7.116	146	327592	46.958	ng		98
15) Benzyl Alcohol	7.093	79	284673	49.275	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.222	45	527484	42.141	ng		95
17) 2-Methylphenol	7.198	107	262978	49.317	ng		97
18) Hexachloroethane	7.463	117	133245	49.162	ng		98
19) n-Nitroso-di-n-propyla...	7.369	70	234628	45.488	ng		91
20) 3+4-Methylphenols	7.351	107	324727m	47.695	ng		
22) Acetophenone	7.363	105	445940	45.329	ng	#	96
24) Nitrobenzene	7.534	77	358857	44.923	ng		99
25) Isophorone	7.775	82	664946	48.611	ng		99
26) 2-Nitrophenol	7.851	139	180775	66.945	ng		92
27) 2,4-Dimethylphenol	7.887	122	308291	58.136	ng		97
28) bis(2-Chloroethoxy)met...	7.987	93	399586	51.431	ng		99
29) 2,4-Dichlorophenol	8.092	162	275157	47.836	ng		100
30) 1,2,4-Trichlorobenzene	8.175	180	307777	43.193	ng		100
31) Naphthalene	8.263	128	931666	45.235	ng		100
32) Benzoic acid	8.016	122	199485	56.472	ng		96
33) 4-Chloroaniline	8.304	127	181872	22.383	ng		98
34) Hexachlorobutadiene	8.375	225	209782	45.465	ng		99
35) Caprolactam	8.698	113	111299m	73.634	ng		
36) 4-Chloro-3-methylphenol	8.792	107	312585	52.307	ng		96
37) 2-Methylnaphthalene	8.957	142	596048	42.712	ng		100
38) 1-Methylnaphthalene	9.057	142	564597	41.722	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	309119	41.202	ng		99
41) Hexachlorocyclopentadiene	9.104	237	381269	113.046	ng		99
43) 2,4,6-Trichlorophenol	9.234	196	225543	52.993	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	231211	48.311	ng		97
46) 1,1'-Biphenyl	9.422	154	746544	42.315	ng		98
47) 2-Chloronaphthalene	9.451	162	589177	41.629	ng		99
48) 2-Nitroaniline	9.545	65	215416	50.129	ng		99
49) Acenaphthylene	9.869	152	926123	42.927	ng		99
50) Dimethylphthalate	9.728	163	696229	43.223	ng		99
51) 2,6-Dinitrotoluene	9.792	165	159153	49.405	ng	#	76
52) Acenaphthene	10.039	154	684485m	50.666	ng		
53) 3-Nitroaniline	9.963	138	113325	34.236	ng		93
54) 2,4-Dinitrophenol	10.069	184	180804	106.872	ng	#	82
55) Dibenzofuran	10.216	168	976281	50.231	ng		97
56) 4-Nitrophenol	10.128	139	305129	132.820	ng		86
57) 2,4-Dinitrotoluene	10.198	165	259923	64.128	ng		89
58) Fluorene	10.563	166	756410	49.867	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	231816	58.162	ng		96
60) Diethylphthalate	10.428	149	788834	51.864	ng		99
61) 4-Chlorophenyl-phenyle...	10.551	204	388357	49.943	ng		95
62) 4-Nitroaniline	10.586	138	190596	57.856	ng		86
63) Azobenzene	10.710	77	797184	48.745	ng		93
65) 4,6-Dinitro-2-methylph...	10.604	198	134018	60.899	ng		85
66) n-Nitrosodiphenylamine	10.669	169	684010	45.336	ng		99
67) 4-Bromophenyl-phenylether	11.045	248	257120	44.306	ng		96
68) Hexachlorobenzene	11.104	284	276306	44.861	ng		97
69) Atrazine	11.204	200	250803	53.991	ng		99
70) Pentachlorophenol	11.304	266	310214	86.272	ng		99
71) Phenanthrene	11.533	178	1130108	44.164	ng		99
72) Anthracene	11.580	178	1157182	46.015	ng		99
73) Carbazole	11.739	167	1022090	47.647	ng		99
74) Di-n-butylphthalate	12.063	149	1227777	48.572	ng		99
75) Fluoranthene	12.727	202	1220631	45.269	ng		99
77) Benzidine	12.845	184	597115	102.768	ng		96
78) Pyrene	12.957	202	1237896	44.604	ng		99
80) Butylbenzylphthalate	13.574	149	480258	51.139	ng		93
81) Benzo(a)anthracene	14.151	228	965605	44.784	ng		99
82) 3,3'-Dichlorobenzidine	14.110	252	185240	32.376	ng		99
83) Chrysene	14.186	228	918278	43.409	ng		99
84) Bis(2-ethylhexyl)phtha...	14.127	149	640943	51.436	ng		100
85) Di-n-octyl phthalate	14.757	149	914430	50.952	ng		94
87) Indeno(1,2,3-cd)pyrene	17.257	276	798609	49.286	ng		98
88) Benzo(b)fluoranthene	15.239	252	766418	47.821	ng		99
89) Benzo(k)fluoranthene	15.268	252	753823	45.769	ng		99
90) Benzo(a)pyrene	15.627	252	653198	49.671	ng	#	98
91) Dibenzo(a,h)anthracene	17.286	278	669812	50.069	ng		98
92) Benzo(g,h,i)perylene	17.739	276	686940	51.449	ng		98

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

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