Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
Data File : BF131473.D
Acq On : 30 Nov 2022 16:08
Operator : CG\JU
Sample : N5793-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 01 01:13:30 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-SB02MSD

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	91123	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	423914	20.000	ng	#	0.00
39) Acenaphthene-d10	10.004	164	239004	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	442115	20.000	ng		0.00
76) Chrysene-d12	14.157	240	288276	20.000	ng	#	0.00
86) Perylene-d12	15.686	264	202076	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	715437	149.428	ng		0.02
7) Phenol-d6	6.575	99	847032	138.659	ng		0.00
23) Nitrobenzene-d5	7.516	82	531513	63.203	ng		0.00
42) 2,4,6-Tribromophenol	10.804	330	296765	147.589	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1115348	67.891	ng		0.00
79) Terphenyl-d14	13.092	244	1236512	70.142	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.840	88	103683	45.424	ng		96
3) Pyridine	3.593	79	274383	43.291	ng		92
4) n-Nitrosodimethylamine	3.569	42	169213	45.272	ng		83
6) Aniline	6.610	93	342308m	42.757	ng		
8) 2-Chlorophenol	6.734	128	313031	57.709	ng		97
9) Benzaldehyde	6.498	77	153696	41.240	ng		97
10) Phenol	6.587	94	386309	57.037	ng		97
11) bis(2-Chloroethyl)ether	6.681	93	285822	50.369	ng		100
12) 1,3-Dichlorobenzene	6.887	146	302057	46.724	ng		99
13) 1,4-Dichlorobenzene	6.963	146	309601	47.132	ng		99
14) 1,2-Dichlorobenzene	7.116	146	329045	54.403	ng		97
15) Benzyl Alcohol	7.092	79	276866	55.276	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.222	45	501833	46.242	ng		95
17) 2-Methylphenol	7.198	107	242776	52.513	ng		96
18) Hexachloroethane	7.463	117	115046	48.959	ng		99
19) n-Nitroso-di-n-propyla...	7.363	70	227321	50.833	ng		93
20) 3+4-Methylphenols	7.351	107	308980m	52.344	ng		
22) Acetophenone	7.363	105	432133	40.048	ng	#	94
24) Nitrobenzene	7.534	77	331876	37.878	ng		99
25) Isophorone	7.775	82	661374	44.082	ng		97
26) 2-Nitrophenol	7.851	139	189707	64.206	ng		87
27) 2,4-Dimethylphenol	7.887	122	331205	56.944	ng		95
28) bis(2-Chloroethoxy)met...	7.987	93	426432	50.041	ng		99
29) 2,4-Dichlorophenol	8.092	162	305258	48.384	ng		98
30) 1,2,4-Trichlorobenzene	8.175	180	339711	43.466	ng		99
31) Naphthalene	8.263	128	996884	44.129	ng		99
32) Benzoic acid	8.010	122	225290m	57.654	ng		
33) 4-Chloroaniline	8.304	127	204300	22.924	ng		96
34) Hexachlorobutadiene	8.369	225	201981	39.910	ng		97
35) Caprolactam	8.692	113	120293m	72.559	ng		
36) 4-Chloro-3-methylphenol	8.792	107	325642	49.681	ng		98
37) 2-Methylnaphthalene	8.957	142	671653	43.881	ng		99
38) 1-Methylnaphthalene	9.057	142	633842	42.705	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	338228	43.609	ng		99
41) Hexachlorocyclopentadiene	9.104	237	398509	114.295	ng		98
43) 2,4,6-Trichlorophenol	9.233	196	232344	52.807	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	241926	48.898	ng		98
46) 1,1'-Biphenyl	9.422	154	829777	45.495	ng		97
47) 2-Chloronaphthalene	9.451	162	654242	44.716	ng		97
48) 2-Nitroaniline	9.545	65	225119	50.675	ng		97
49) Acenaphthylene	9.869	152	1014190	45.472	ng		99
50) Dimethylphthalate	9.728	163	757187	45.470	ng		99
51) 2,6-Dinitrotoluene	9.786	165	176814	53.094	ng		86
52) Acenaphthene	10.039	154	710782m	50.893	ng		
53) 3-Nitroaniline	9.957	138	116292	33.984	ng		97
54) 2,4-Dinitrophenol	10.069	184	191775	108.701	ng	#	73
55) Dibenzofuran	10.216	168	890084	44.299	ng		97
56) 4-Nitrophenol	10.122	139	287904	121.226	ng		89
57) 2,4-Dinitrotoluene	10.198	165	236638	56.475	ng	#	83
58) Fluorene	10.557	166	701575	44.740	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.328	232	209990	50.964	ng		97
60) Diethylphthalate	10.428	149	725109	46.116	ng		99
61) 4-Chlorophenyl-phenyle...	10.551	204	355511	44.224	ng		92
62) 4-Nitroaniline	10.586	138	175636	51.572	ng		86
63) Azobenzene	10.710	77	732778	43.343	ng		93
65) 4,6-Dinitro-2-methylph...	10.604	198	125434	61.006	ng	#	76
66) n-Nitrosodiphenylamine	10.669	169	625547	44.403	ng		99
67) 4-Bromophenyl-phenylether	11.039	248	236870	43.713	ng		98
68) Hexachlorobenzene	11.104	284	257429	44.762	ng		95
69) Atrazine	11.198	200	232825	53.677	ng		99
70) Pentachlorophenol	11.304	266	284757	84.894	ng		99
71) Phenanthrene	11.527	178	1042854	43.646	ng		99
72) Anthracene	11.580	178	1070246	45.578	ng		100
73) Carbazole	11.739	167	960569	47.956	ng		99
74) Di-n-butylphthalate	12.063	149	1135920	48.127	ng		99
75) Fluoranthene	12.722	202	1138808	45.232	ng		99
77) Benzidine	12.845	184	550205	103.328	ng		97
78) Pyrene	12.957	202	1144350	44.992	ng		99
80) Butylbenzylphthalate	13.569	149	442721	51.416	ng		99
81) Benzo(a)anthracene	14.151	228	892180	45.151	ng		98
82) 3,3'-Dichlorobenzidine	14.110	252	177999	33.947	ng		97
83) Chrysene	14.186	228	833810	43.010	ng		99
84) Bis(2-ethylhexyl)phtha...	14.127	149	589278	51.589	ng		99
85) Di-n-octyl phthalate	14.751	149	836341	50.873	ng		95
87) Indeno(1,2,3-cd)pyrene	17.256	276	649847	47.880	ng		99
88) Benzo(b)fluoranthene	15.233	252	747497m	55.682	ng		
89) Benzo(k)fluoranthene	15.268	252	687331	49.823	ng		100
90) Benzo(a)pyrene	15.627	252	542086	49.213	ng		99
91) Dibenzo(a,h)anthracene	17.280	278	555545	49.579	ng		98
92) Benzo(g,h,i)perylene	17.739	276	589039	52.669	ng		98

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

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