Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131880.D
Acq On : 29 Dec 2022 16:17
Operator : CG\JU
Sample : N6231-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 30 02:10:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 02:06:40 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-3SMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/30/2022
Supervised By :Yogesh Patel 12/30/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	76551	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	283474	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	156515	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	271009	20.000	ng		0.00
76) Chrysene-d12	14.016	240	151745	20.000	ng		0.00
86) Perylene-d12	15.492	264	150566	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	621084	134.456	ng		0.02
7) Phenol-d6	6.463	99	812580	133.894	ng		0.01
23) Nitrobenzene-d5	7.393	82	561978	79.151	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	218034	128.214	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	923366	80.808	ng		0.00
79) Terphenyl-d14	12.957	244	819822	91.386	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	86644	40.449	ng		98
3) Pyridine	3.363	79	247209	41.051	ng		99
4) n-Nitrosodimethylamine	3.334	42	129682	45.800	ng		99
6) Aniline	6.481	93	286689	38.952	ng	#	75
8) 2-Chlorophenol	6.604	128	234786	48.244	ng		97
9) Benzaldehyde	6.369	77	162298	41.678	ng		97
10) Phenol	6.475	94	331527	45.873	ng		86
11) bis(2-Chloroethyl)ether	6.557	93	246189	47.636	ng		98
12) 1,3-Dichlorobenzene	6.757	146	252896	45.473	ng		99
13) 1,4-Dichlorobenzene	6.834	146	256278	45.725	ng		98
14) 1,2-Dichlorobenzene	6.987	146	245907	46.693	ng		98
15) Benzyl Alcohol	6.969	79	259504	48.761	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.098	45	314290	47.654	ng		97
17) 2-Methylphenol	7.081	107	209664	47.125	ng		96
18) Hexachloroethane	7.328	117	104745	46.281	ng		99
19) n-Nitroso-di-n-propyla...	7.245	70	202838	47.325	ng		96
20) 3+4-Methylphenols	7.240	107	268508	46.254	ng		95
22) Acetophenone	7.240	105	380202	45.749	ng		99
24) Nitrobenzene	7.410	77	311578	43.789	ng		99
25) Isophorone	7.651	82	557076	48.045	ng		99
26) 2-Nitrophenol	7.728	139	124488	44.998	ng		97
27) 2,4-Dimethylphenol	7.769	122	213187	54.022	ng		99
28) bis(2-Chloroethoxy)met...	7.863	93	313531	50.403	ng		99
29) 2,4-Dichlorophenol	7.969	162	213098	44.821	ng		97
30) 1,2,4-Trichlorobenzene	8.051	180	250986	44.525	ng		99
31) Naphthalene	8.134	128	670924	43.217	ng		99
32) Benzoic acid	7.910	122	129251m	44.811	ng		
33) 4-Chloroaniline	8.187	127	132069	22.171	ng		98
34) Hexachlorobutadiene	8.245	225	166491	43.170	ng		100
35) Caprolactam	8.575	113	58954m	41.881	ng		
36) 4-Chloro-3-methylphenol	8.675	107	243048	45.232	ng		98
37) 2-Methylnaphthalene	8.828	142	456303	43.794	ng		99
38) 1-Methylnaphthalene	8.928	142	421924	41.690	ng		100
40) 1,2,4,5-Tetrachloroben...	8.992	216	263153	47.884	ng		99
41) Hexachlorocyclopentadiene	8.975	237	254858	101.874	ng		100
43) 2,4,6-Trichlorophenol	9.110	196	162595	46.195	ng		99

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44)	2,4,5-Trichlorophenol	9.151	196	167115	43.922	ng		97
46)	1,1'-Biphenyl	9.292	154	576586	48.118	ng		100
47)	2-Chloronaphthalene	9.322	162	454737	45.870	ng		99
48)	2-Nitroaniline	9.422	65	156121	42.965	ng		98
49)	Acenaphthylene	9.734	152	667130	45.194	ng		99
50)	Dimethylphthalate	9.604	163	543207	45.876	ng		99
51)	2,6-Dinitrotoluene	9.663	165	116665	45.514	ng		92
52)	Acenaphthene	9.910	154	396254	44.478	ng		99
53)	3-Nitroaniline	9.834	138	64449	24.676	ng		100
54)	2,4-Dinitrophenol	9.945	184	103901	70.437	ng		96
55)	Dibenzofuran	10.081	168	612278	44.607	ng		100
56)	4-Nitrophenol	10.010	139	145481	79.515	ng		89
57)	2,4-Dinitrotoluene	10.075	165	150789	43.015	ng		95
58)	Fluorene	10.428	166	479397	42.782	ng		97
59)	2,3,4,6-Tetrachlorophenol	10.198	232	133441m	42.738	ng		
60)	Diethylphthalate	10.298	149	520825	45.701	ng		98
61)	4-Chlorophenyl-phenyle...	10.416	204	263935	45.309	ng		99
62)	4-Nitroaniline	10.457	138	99912	36.706	ng		96
63)	Azobenzene	10.575	77	576338	45.568	ng		95
65)	4,6-Dinitro-2-methylph...	10.481	198	74197	40.211	ng		90
66)	n-Nitrosodiphenylamine	10.539	169	411305	49.753	ng		97
67)	4-Bromophenyl-phenylether	10.904	248	155359	49.461	ng	#	91
68)	Hexachlorobenzene	10.969	284	166965	48.389	ng		98
69)	Atrazine	11.069	200	142352	52.304	ng		97
70)	Pentachlorophenol	11.169	266	161206	94.418	ng		96
71)	Phenanthrene	11.392	178	659458	44.250	ng		99
72)	Anthracene	11.445	178	656124	45.005	ng		99
73)	Carbazole	11.604	167	547401	42.532	ng		99
74)	Di-n-butylphthalate	11.928	149	730297	46.944	ng		100
75)	Fluoranthene	12.580	202	657993	37.905	ng		99
77)	Benzidine	12.710	184	305526	122.518	ng		99
78)	Pyrene	12.816	202	654420	51.453	ng		99
80)	Butylbenzylphthalate	13.433	149	249827	52.957	ng		96
81)	Benzo(a)anthracene	14.004	228	509396	46.365	ng		99
82)	3,3'-Dichlorobenzidine	13.969	252	126365	39.793	ng		98
83)	Chrysene	14.045	228	471795	45.698	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.992	149	342359	59.603	ng		99
85)	Di-n-octyl phthalate	14.610	149	530327	68.585	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.980	276	490869	51.316	ng		100
88)	Benzo(b)fluoranthene	15.063	252	456706	41.368	ng		100
89)	Benzo(k)fluoranthene	15.092	252	451045	42.284	ng		99
90)	Benzo(a)pyrene	15.433	252	401506	46.974	ng		98
91)	Dibenzo(a,h)anthracene	16.998	278	406696	51.905	ng		98
92)	Benzo(g,h,i)perylene	17.433	276	392030	42.924	ng		97

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

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