Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131948.D
Acq On : 06 Jan 2023 19:02
Operator : CG\JU
Sample : 01027-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1-1-4-2023MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

Quant Time: Jan 07 00:24:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 23:58:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	63180	20.000	ng		0.00
21) Naphthalene-d8	8.092	136	225054	20.000	ng		0.00
39) Acenaphthene-d10	9.851	164	114009	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	188014	20.000	ng		0.00
76) Chrysene-d12	14.004	240	146138	20.000	ng		0.00
86) Perylene-d12	15.474	264	110283	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	555902	145.814	ng		0.04
7) Phenol-d6	6.445	99	665614	132.889	ng		0.00
23) Nitrobenzene-d5	7.375	82	534729	94.863	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	153488	123.909	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	893175	107.308	ng		0.00
79) Terphenyl-d14	12.939	244	811888	93.974	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	80418	45.488	ng	#	82
3) Pyridine	3.393	79	196319	39.500	ng		97
4) n-Nitrosodimethylamine	3.322	42	116682	49.930	ng		94
6) Aniline	6.463	93	119123	19.610	ng	#	1
8) 2-Chlorophenol	6.587	128	199613	49.697	ng		94
9) Benzaldehyde	6.351	77	95551	29.731	ng		96
10) Phenol	6.457	94	243855	40.883	ng		89
11) bis(2-Chloroethyl)ether	6.540	93	219112	51.369	ng		99
12) 1,3-Dichlorobenzene	6.740	146	221737	48.308	ng		99
13) 1,4-Dichlorobenzene	6.816	146	223823	48.385	ng		98
14) 1,2-Dichlorobenzene	6.969	146	216299	49.763	ng		98
15) Benzyl Alcohol	6.951	79	222462	50.647	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	269634	49.535	ng		89
17) 2-Methylphenol	7.069	107	175552	47.809	ng		94
18) Hexachloroethane	7.310	117	85599	45.826	ng		95
19) n-Nitroso-di-n-propyla...	7.222	70	175057	49.487	ng		98
20) 3+4-Methylphenols	7.222	107	221320	46.194	ng		99
22) Acetophenone	7.216	105	334310	50.669	ng		95
24) Nitrobenzene	7.392	77	272393	48.219	ng		99
25) Isophorone	7.634	82	470593	51.121	ng		100
26) 2-Nitrophenol	7.710	139	90321	41.122	ng		98
27) 2,4-Dimethylphenol	7.751	122	175121	55.895	ng		97
28) bis(2-Chloroethoxy)met...	7.845	93	263105	53.276	ng		99
29) 2,4-Dichlorophenol	7.951	162	174524	46.236	ng		97
30) 1,2,4-Trichlorobenzene	8.028	180	213939	47.804	ng		99
31) Naphthalene	8.110	128	572015	46.410	ng		99
32) Benzoic acid	7.863	122	45088m	19.690	ng		
33) 4-Chloroaniline	8.163	127	51750	10.943	ng		94
34) Hexachlorobutadiene	8.222	225	139907	45.694	ng		98
35) Caprolactam	8.551	113	37738	33.768	ng		98
36) 4-Chloro-3-methylphenol	8.657	107	188165	44.108	ng		98
37) 2-Methylnaphthalene	8.804	142	382357	46.223	ng		99
38) 1-Methylnaphthalene	8.904	142	350763	43.655	ng		100
40) 1,2,4,5-Tetrachloroben...	8.969	216	216897	54.182	ng		100
41) Hexachlorocyclopentadiene	8.951	237	72583	43.438	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	121490	47.385	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	117236	42.301	ng		99
46) 1,1'-Biphenyl	9.275	154	477229	54.674	ng		99
47) 2-Chloronaphthalene	9.298	162	369717	51.199	ng		98
48) 2-Nitroaniline	9.404	65	136454	51.553	ng		99
49) Acenaphthylene	9.716	152	530149	49.304	ng		99
50) Dimethylphthalate	9.581	163	444166	51.497	ng		99
51) 2,6-Dinitrotoluene	9.645	165	86450	46.301	ng		99
52) Acenaphthene	9.886	154	314457	48.456	ng		100
53) 3-Nitroaniline	9.816	138	64646	33.980	ng		97
54) 2,4-Dinitrophenol	9.928	184	7389	6.877	ng		92
55) Dibenzofuran	10.063	168	483742	48.382	ng		98
56) 4-Nitrophenol	9.986	139	61639	46.250	ng	#	84
57) 2,4-Dinitrotoluene	10.051	165	107609	42.142	ng		92
58) Fluorene	10.404	166	365920	44.830	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.180	232	82045	36.074	ng		90
60) Diethylphthalate	10.280	149	408922	49.259	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	208147	49.054	ng		97
62) 4-Nitroaniline	10.433	138	79792	40.244	ng		96
63) Azobenzene	10.557	77	418819	45.460	ng		97
65) 4,6-Dinitro-2-methylph...	10.463	198	8149	6.366	ng		88
66) n-Nitrosodiphenylamine	10.522	169	312120	54.421	ng		98
67) 4-Bromophenyl-phenylether	10.886	248	115760	53.123	ng	#	91
68) Hexachlorobenzene	10.951	284	124933	52.191	ng		96
69) Atrazine	11.051	200	107098	56.722	ng		97
70) Pentachlorophenol	11.151	266	52595	44.403	ng		99
71) Phenanthrene	11.375	178	487399	47.141	ng		99
72) Anthracene	11.422	178	492681	48.712	ng		99
73) Carbazole	11.586	167	418601	46.881	ng		99
74) Di-n-butylphthalate	11.910	149	532646	49.353	ng		100
75) Fluoranthene	12.569	202	525675	43.650	ng		98
77) Benzidine	12.692	184	67793	28.228	ng		98
78) Pyrene	12.798	202	550294	44.926	ng		99
80) Butylbenzylphthalate	13.416	149	219037	48.212	ng		96
81) Benzo(a)anthracene	13.992	228	515437	48.715	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	87009	28.451	ng		98
83) Chrysene	14.027	228	470999	47.371	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	297936	53.859	ng		98
85) Di-n-octyl phthalate	14.592	149	507382	68.135	ng		99
87) Indeno(1,2,3-cd)pyrene	16.951	276	313309	44.718	ng		99
88) Benzo(b)fluoranthene	15.045	252	392333	48.518	ng		99
89) Benzo(k)fluoranthene	15.074	252	390521	49.983	ng		99
90) Benzo(a)pyrene	15.415	252	314138	50.177	ng		98
91) Dibenzo(a,h)anthracene	16.968	278	263233	45.867	ng		99
92) Benzo(g,h,i)perylene	17.398	276	245255	37.428	ng		96

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

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