Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131866.D
Acq On : 28 Dec 2022 18:03
Operator : CG\JU
Sample : N6199-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

Quant Time: Dec 29 00:57:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 05:13:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	64842	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	236665	20.000	ng		-0.01
39) Acenaphthene-d10	9.880	164	133525	20.000	ng		-0.01
64) Phenanthrene-d10	11.374	188	266427	20.000	ng		-0.01
76) Chrysene-d12	14.033	240	138336	20.000	ng		0.00
86) Perylene-d12	15.515	264	143231	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	571352	146.025	ng		0.02
7) Phenol-d6	6.469	99	687513	133.743	ng		0.00
23) Nitrobenzene-d5	7.398	82	559890	94.454	ng		-0.01
42) 2,4,6-Tribromophenol	10.680	330	241356	166.366	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	971218	99.630	ng		-0.01
79) Terphenyl-d14	12.974	244	1153537	141.050	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	81769	45.066	ng	#	82
3) Pyridine	3.434	79	189895	37.228	ng		100
4) n-Nitrosodimethylamine	3.375	42	117734	49.089	ng		99
6) Aniline	6.492	93	113781	18.251	ng	#	87
8) 2-Chlorophenol	6.610	128	209513	50.825	ng		93
9) Benzaldehyde	6.375	77	101745	30.847	ng		95
10) Phenol	6.481	94	260038	42.478	ng		99
11) bis(2-Chloroethyl)ether	6.569	93	234706m	53.615	ng		
12) 1,3-Dichlorobenzene	6.763	146	230228	48.872	ng		98
13) 1,4-Dichlorobenzene	6.845	146	233820	49.251	ng		95
14) 1,2-Dichlorobenzene	6.992	146	222886	49.964	ng		98
15) Benzyl Alcohol	6.975	79	235874	52.325	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	285787	51.157	ng		94
17) 2-Methylphenol	7.087	107	188128	49.920	ng		99
18) Hexachloroethane	7.339	117	93025	48.525	ng		90
19) n-Nitroso-di-n-propyla...	7.245	70	186491	51.368	ng		99
20) 3+4-Methylphenols	7.239	107	237140	48.227	ng		91
22) Acetophenone	7.239	105	351308	50.633	ng		97
24) Nitrobenzene	7.416	77	290109	48.835	ng		98
25) Isophorone	7.657	82	513019	52.996	ng		100
26) 2-Nitrophenol	7.734	139	114822	49.713	ng		97
27) 2,4-Dimethylphenol	7.775	122	192279	58.361	ng		98
28) bis(2-Chloroethoxy)met...	7.869	93	283908	54.668	ng		99
29) 2,4-Dichlorophenol	7.975	162	194995	49.125	ng		98
30) 1,2,4-Trichlorobenzene	8.057	180	227758	48.395	ng		100
31) Naphthalene	8.139	128	622780	48.050	ng		100
32) Benzoic acid	7.904	122	108292	44.970	ng		91
33) 4-Chloroaniline	8.186	127	56761	11.414	ng		98
34) Hexachlorobutadiene	8.251	225	150279	46.674	ng		99
35) Caprolactam	8.575	113	48434m	41.212	ng		
36) 4-Chloro-3-methylphenol	8.686	107	229232	51.098	ng		98
37) 2-Methylnaphthalene	8.833	142	417268	47.969	ng		97
38) 1-Methylnaphthalene	8.933	142	393884	46.617	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	244286	52.105	ng		99
41) Hexachlorocyclopentadiene	8.981	237	237624	110.789	ng		100
43) 2,4,6-Trichlorophenol	9.116	196	152469	50.776	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	163730	50.442	ng		94
46) 1,1'-Biphenyl	9.304	154	535797	52.412	ng		99
47) 2-Chloronaphthalene	9.328	162	431788	51.055	ng		100
48) 2-Nitroaniline	9.428	65	157095	50.677	ng		94
49) Acenaphthylene	9.745	152	648612	51.505	ng		100
50) Dimethylphthalate	9.610	163	519730	51.450	ng		99
51) 2,6-Dinitrotoluene	9.675	165	114161	52.206	ng		96
52) Acenaphthene	9.916	154	382089	50.272	ng		99
53) 3-Nitroaniline	9.839	138	54284	24.363	ng		97
54) 2,4-Dinitrophenol	9.951	184	94620	75.189	ng		98
55) Dibenzofuran	10.092	168	596351	50.927	ng		99
56) 4-Nitrophenol	10.016	139	144546	92.606	ng		86
57) 2,4-Dinitrotoluene	10.080	165	152895	51.126	ng		92
58) Fluorene	10.433	166	480231	50.235	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	138830m	52.119	ng		
60) Diethylphthalate	10.310	149	496481	51.065	ng		99
61) 4-Chlorophenyl-phenyle...	10.427	204	261486	52.617	ng		96
62) 4-Nitroaniline	10.469	138	104201	44.873	ng		98
63) Azobenzene	10.586	77	544927	50.503	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	75028	41.361	ng		98
66) n-Nitrosodiphenylamine	10.551	169	408526	50.267	ng		98
67) 4-Bromophenyl-phenylether	10.916	248	158088	51.196	ng		93
68) Hexachlorobenzene	10.980	284	172463	50.842	ng		96
69) Atrazine	11.080	200	153345	57.312	ng		96
70) Pentachlorophenol	11.180	266	183925	109.577	ng		97
71) Phenanthrene	11.404	178	706310	48.208	ng		100
72) Anthracene	11.457	178	719422	50.195	ng		100
73) Carbazole	11.616	167	616174	48.698	ng		99
74) Di-n-butylphthalate	11.939	149	758109	49.570	ng		99
75) Fluoranthene	12.598	202	751224	44.020	ng		100
77) Benzidine	12.721	184	61296	26.963	ng		99
78) Pyrene	12.827	202	752658	64.913	ng		100
80) Butylbenzylphthalate	13.445	149	268370	62.402	ng		93
81) Benzo(a)anthracene	14.021	228	510119	50.931	ng		98
82) 3,3'-Dichlorobenzidine	13.986	252	84113	29.055	ng		98
83) Chrysene	14.057	228	477171	50.699	ng		99
84) Bis(2-ethylhexyl)phtha...	14.004	149	329387	62.903	ng	#	98
85) Di-n-octyl phthalate	14.621	149	460768	65.365	ng		100
87) Indeno(1,2,3-cd)pyrene	17.015	276	535929	58.896	ng		99
88) Benzo(b)fluoranthene	15.080	252	500043	47.613	ng		100
89) Benzo(k)fluoranthene	15.110	252	433485	42.719	ng		99
90) Benzo(a)pyrene	15.457	252	424469	52.204	ng		100
91) Dibenzo(a,h)anthracene	17.027	278	446235	59.868	ng		99
92) Benzo(g,h,i)perylene	17.462	276	424728	48.157	ng		96

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

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