Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
Data File : BF137408.D
Acq On : 27 Feb 2024 16:45
Operator : CG\JU
Sample : P1524-09MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

Quant Time: Feb 27 17:14:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 24 04:23:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	224516	20.000	ng		-0.02
21) Naphthalene-d8	8.063	136	875750	20.000	ng		-0.02
39) Acenaphthene-d10	9.822	164	456871	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	662087	20.000	ng		-0.02
76) Chrysene-d12	13.968	240	381218	20.000	ng		-0.01
86) Perylene-d12	15.451	264	451295	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	806258	55.412	ng		-0.01
7) Phenol-d6	6.422	99	645398	30.153	ng		-0.02
23) Nitrobenzene-d5	7.351	82	1598947	91.152	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	454150	114.152	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	2410624	82.145	ng		-0.01
79) Terphenyl-d14	12.910	244	1978542	72.592	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	111891	14.038	ng		98
3) Pyridine	3.334	79	144330	8.756	ng		96
4) n-Nitrosodimethylamine	3.275	42	92495	15.888	ng	#	97
6) Aniline	6.451	93	201161	7.925	ng		94
8) 2-Chlorophenol	6.569	128	574361	36.803	ng		100
9) Benzaldehyde	6.334	77	88743	8.612	ng		96
10) Phenol	6.434	94	267232	11.408	ng		98
11) bis(2-Chloroethyl)ether	6.522	93	746770	43.872	ng		97
12) 1,3-Dichlorobenzene	6.722	146	679579	40.550	ng		100
13) 1,4-Dichlorobenzene	6.798	146	698087	40.458	ng		99
14) 1,2-Dichlorobenzene	6.951	146	671988	42.104	ng		98
15) Benzyl Alcohol	6.928	79	335286	26.279	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1293766	45.728	ng		100
17) 2-Methylphenol	7.045	107	372065	25.197	ng		97
18) Hexachloroethane	7.292	117	231180	38.881	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	585864	44.419	ng		98
20) 3+4-Methylphenols	7.192	107	379864	22.571	ng	#	32
22) Acetophenone	7.192	105	1011873	47.649	ng	#	93
24) Nitrobenzene	7.369	77	837551	46.990	ng		98
25) Isophorone	7.604	82	1638565	45.170	ng		99
26) 2-Nitrophenol	7.681	139	350077	51.194	ng		94
27) 2,4-Dimethylphenol	7.722	122	454751	34.086	ng		99
28) bis(2-Chloroethoxy)met...	7.822	93	958869	45.859	ng		98
29) 2,4-Dichlorophenol	7.922	162	538490	43.065	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	593475	44.219	ng		98
31) Naphthalene	8.086	128	1980546	42.142	ng		99
32) Benzoic acid	7.828	122	101835	17.619	ng		99
33) 4-Chloroaniline	8.139	127	103324	5.780	ng		96
34) Hexachlorobutadiene	8.204	225	343813	43.122	ng		99
35) Caprolactam	8.516	113	24051	6.220	ng		93
36) 4-Chloro-3-methylphenol	8.616	107	518457	36.574	ng		98
37) 2-Methylnaphthalene	8.775	142	1239627	40.934	ng		100
38) 1-Methylnaphthalene	8.875	142	1175787	41.065	ng		100
40) 1,2,4,5-Tetrachloroben...	8.939	216	600031	47.684	ng		98
41) Hexachlorocyclopentadiene	8.927	237	278203	48.763	ng		98
43) 2,4,6-Trichlorophenol	9.057	196	380080	46.585	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.098	196	392840	41.969	ng		98
46)	1,1'-Biphenyl	9.245	154	1531957	46.039	ng		99
47)	2-Chloronaphthalene	9.269	162	1191440	47.412	ng		99
48)	2-Nitroaniline	9.369	65	378518	49.453	ng		97
49)	Acenaphthylene	9.680	152	1866022	45.704	ng		99
50)	Dimethylphthalate	9.551	163	1441766	45.670	ng		100
51)	2,6-Dinitrotoluene	9.610	165	302646	51.531	ng	#	87
52)	Acenaphthene	9.857	154	1055079	43.291	ng		99
53)	3-Nitroaniline	9.780	138	120762	19.470	ng		98
54)	2,4-Dinitrophenol	9.886	184	221302	76.602	ng		98
55)	Dibenzofuran	10.027	168	1612523	42.809	ng		98
56)	4-Nitrophenol	9.945	139	98725	23.484	ng		94
57)	2,4-Dinitrotoluene	10.016	165	362267	48.771	ng		96
58)	Fluorene	10.374	166	1177497	40.933	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.145	232	326322m	42.099	ng		
60)	Diethylphthalate	10.251	149	1368807	46.440	ng		99
61)	4-Chlorophenyl-phenyle...	10.369	204	584891	41.333	ng		97
62)	4-Nitroaniline	10.398	138	196149	32.331	ng		98
63)	Azobenzene	10.527	77	1502809	42.615	ng		98
65)	4,6-Dinitro-2-methylph...	10.421	198	157384	48.555	ng		94
66)	n-Nitrosodiphenylamine	10.486	169	1072821	49.893	ng		98
67)	4-Bromophenyl-phenylether	10.857	248	363509	51.071	ng	#	93
68)	Hexachlorobenzene	10.916	284	368697	50.074	ng		93
69)	Atrazine	11.021	200	315403	54.352	ng		99
70)	Pentachlorophenol	11.116	266	385983	82.739	ng		99
71)	Phenanthrene	11.339	178	1627923	44.566	ng		99
72)	Anthracene	11.392	178	1657551	44.032	ng		99
73)	Carbazole	11.545	167	1356874	42.187	ng		99
74)	Di-n-butylphthalate	11.886	149	1970501	61.228	ng		99
75)	Fluoranthene	12.533	202	1409964	39.543	ng		100
77)	Benzidine	12.668	184	32999	11.271	ng		97
78)	Pyrene	12.757	202	1414931	39.252	ng		100
80)	Butylbenzylphthalate	13.392	149	449065	71.508	ng		94
81)	Benzo(a)anthracene	13.957	228	1245460	47.081	ng		99
82)	3,3'-Dichlorobenzidine	13.927	252	257065	42.336	ng		99
83)	Chrysene	13.992	228	1268918	46.957	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.957	149	685739	82.104	ng		98
85)	Di-n-octyl phthalate	14.580	149	1385119	82.874	ng	#	90
87)	Indeno(1,2,3-cd)pyrene	16.945	276	1051133	34.197	ng		100
88)	Benzo(b)fluoranthene	15.015	252	1292303	46.679	ng		99
89)	Benzo(k)fluoranthene	15.045	252	1333886	45.970	ng		99
90)	Benzo(a)pyrene	15.386	252	1192647	45.417	ng		98
91)	Dibenzo(a,h)anthracene	16.974	278	868591	34.373	ng		98
92)	Benzo(g,h,i)perylene	17.398	276	757575	29.455	ng		100

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

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