Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
Data File : BF137562.D
Acq On : 11 Mar 2024 18:18
Operator : CG\JU
Sample : P1720-03MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT3471MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

Quant Time: Mar 12 02:05:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 12 02:00:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	230114	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	904212	20.000	ng		0.00
39) Acenaphthene-d10	9.934	164	475861	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	664191	20.000	ng		0.00
76) Chrysene-d12	14.098	240	399730	20.000	ng		0.00
86) Perylene-d12	15.645	264	452418	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	1177226	77.481	ng		0.00
7) Phenol-d6	6.551	99	1619072	73.824	ng		0.00
23) Nitrobenzene-d5	7.463	82	986370	50.686	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	306357	73.311	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1550873	51.017	ng		0.00
79) Terphenyl-d14	13.033	244	1138832	39.177	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.869	88	310812	37.413	ng		98
3) Pyridine	3.646	79	729831	36.426	ng		98
4) n-Nitrosodimethylamine	3.628	42	340149	42.393	ng	#	98
6) Aniline	6.575	93	577207	21.539	ng		96
8) 2-Chlorophenol	6.693	128	722127	45.061	ng		97
9) Benzaldehyde	6.463	77	263069	24.484	ng		98
10) Phenol	6.563	94	992956	42.064	ng		98
11) bis(2-Chloroethyl)ether	6.645	93	719337	41.585	ng		99
12) 1,3-Dichlorobenzene	6.845	146	739041	43.157	ng		96
13) 1,4-Dichlorobenzene	6.922	146	757170	43.215	ng		100
14) 1,2-Dichlorobenzene	7.069	146	717559	44.620	ng		98
15) Benzyl Alcohol	7.051	79	666085	48.784	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1154594	38.830	ng		96
17) 2-Methylphenol	7.163	107	591322	39.433	ng		95
18) Hexachloroethane	7.404	117	258395	44.789	ng		98
19) n-Nitroso-di-n-propyla...	7.316	70	540629	39.919	ng		98
20) 3+4-Methylphenols	7.310	107	689481	40.147	ng		97
22) Acetophenone	7.310	105	931704	42.587	ng	#	98
24) Nitrobenzene	7.481	77	822457	42.071	ng		98
25) Isophorone	7.716	82	1568044	42.412	ng		99
26) 2-Nitrophenol	7.792	139	372314	47.971	ng		99
27) 2,4-Dimethylphenol	7.834	122	514001	35.443	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	930309	42.886	ng		99
29) 2,4-Dichlorophenol	8.034	162	599421	45.036	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	617042	44.054	ng		100
31) Naphthalene	8.198	128	2012025	41.473	ng		99
32) Benzoic acid	7.981	122	377399	45.558	ng		98
33) 4-Chloroaniline	8.251	127	158374	8.325	ng		99
34) Hexachlorobutadiene	8.310	225	362797	43.874	ng		99
35) Caprolactam	8.628	113	207226m	45.916	ng		
36) 4-Chloro-3-methylphenol	8.739	107	645036	43.357	ng		99
37) 2-Methylnaphthalene	8.886	142	1253482	40.530	ng		100
38) 1-Methylnaphthalene	8.986	142	1162604	39.917	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	606819	45.677	ng		99
41) Hexachlorocyclopentadiene	9.039	237	481245	87.863	ng		100
43) 2,4,6-Trichlorophenol	9.169	196	404899	46.803	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	430614	43.210	ng		97
46) 1,1'-Biphenyl	9.357	154	1519067	43.615	ng		100
47) 2-Chloronaphthalene	9.381	162	1190217	44.822	ng		99
48) 2-Nitroaniline	9.481	65	407516	45.152	ng		95
49) Acenaphthylene	9.798	152	1859335	43.754	ng		100
50) Dimethylphthalate	9.663	163	1445320	43.632	ng		99
51) 2,6-Dinitrotoluene	9.728	165	314576	45.403	ng		92
52) Acenaphthene	9.969	154	1024466	40.381	ng		98
53) 3-Nitroaniline	9.892	138	195969	26.740	ng		99
54) 2,4-Dinitrophenol	10.004	184	268968	79.633	ng		97
55) Dibenzofuran	10.145	168	1550654	40.130	ng		100
56) 4-Nitrophenol	10.069	139	390835	75.245	ng		96
57) 2,4-Dinitrotoluene	10.133	165	366942	43.108	ng		95
58) Fluorene	10.486	166	1133444	38.195	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	333786	41.767	ng		96
60) Diethylphthalate	10.369	149	1310967	41.909	ng		100
61) 4-Chlorophenyl-phenyle...	10.481	204	570636	39.236	ng		98
62) 4-Nitroaniline	10.516	138	244569	38.828	ng		98
63) Azobenzene	10.645	77	1428197	39.650	ng		100
65) 4,6-Dinitro-2-methylph...	10.545	198	191842	51.823	ng		83
66) n-Nitrosodiphenylamine	10.604	169	1039284	48.592	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	356055	49.218	ng		98
68) Hexachlorobenzene	11.039	284	377233	51.628	ng	#	90
69) Atrazine	11.139	200	314029	48.299	ng		97
70) Pentachlorophenol	11.239	266	381362	86.339	ng		100
71) Phenanthrene	11.457	178	1558110	43.105	ng		99
72) Anthracene	11.510	178	1573550	42.386	ng		100
73) Carbazole	11.669	167	1302834	40.970	ng		99
74) Di-n-butylphthalate	12.004	149	1682165	44.461	ng		99
75) Fluoranthene	12.657	202	1395331	39.491	ng		97
77) Benzidine	12.786	184	426093	43.558	ng		98
78) Pyrene	12.886	202	1414142	36.054	ng		100
80) Butylbenzylphthalate	13.516	149	503794	50.294	ng		98
81) Benzo(a)anthracene	14.086	228	1223032	43.654	ng		100
82) 3,3'-Dichlorobenzidine	14.051	252	202033	27.079	ng		99
83) Chrysene	14.121	228	1236147	43.655	ng		99
84) Bis(2-ethylhexyl)phtha...	14.086	149	684268	53.745	ng	#	99
85) Di-n-octyl phthalate	14.716	149	1394880	55.813	ng		99
87) Indeno(1,2,3-cd)pyrene	17.274	276	1111481	37.333	ng		98
88) Benzo(b)fluoranthene	15.180	252	1271586	47.514	ng		100
89) Benzo(k)fluoranthene	15.216	252	1190960	41.432	ng		99
90) Benzo(a)pyrene	15.580	252	1145333	43.428	ng		100
91) Dibenzo(a,h)anthracene	17.304	278	893031	36.976	ng		98
92) Benzo(g,h,i)perylene	17.774	276	828204	33.391	ng		98

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

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