Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
Data File : BF137417.D
Acq On : 27 Feb 2024 21:11
Operator : CG\JU
Sample : P1539-08MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

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

Quant Time: Feb 28 05:25:09 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	6.787	152	215450	20.000	ng		-0.02
21) Naphthalene-d8	8.063	136	828795	20.000	ng		-0.02
39) Acenaphthene-d10	9.822	164	451625	20.000	ng		-0.01
64) Phenanthrene-d10	11.316	188	674824	20.000	ng		-0.01
76) Chrysene-d12	13.968	240	379493	20.000	ng		-0.01
86) Perylene-d12	15.451	264	442861	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	929407	66.563	ng		0.00
7) Phenol-d6	6.422	99	860319	41.886	ng		-0.02
23) Nitrobenzene-d5	7.351	82	1452204	87.477	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	500872	127.359	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	2390910	82.420	ng		-0.01
79) Terphenyl-d14	12.910	244	2226974	82.079	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	152561	19.945	ng		99
3) Pyridine	3.328	79	328007	18.067	ng		99
4) n-Nitrosodimethylamine	3.281	42	152827	23.669	ng	#	100
6) Aniline	6.451	93	646143	26.527	ng		99
8) 2-Chlorophenol	6.569	128	565283	37.746	ng		100
9) Benzaldehyde	6.340	77	108715	10.994	ng		98
10) Phenol	6.434	94	378363	16.832	ng		97
11) bis(2-Chloroethyl)ether	6.522	93	688117	42.127	ng		97
12) 1,3-Dichlorobenzene	6.722	146	579675	36.044	ng		99
13) 1,4-Dichlorobenzene	6.804	146	604927	36.534	ng		97
14) 1,2-Dichlorobenzene	6.951	146	582830	38.054	ng		98
15) Benzyl Alcohol	6.928	79	475034	38.799	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1101852	40.584	ng		98
17) 2-Methylphenol	7.045	107	418049	29.503	ng		97
18) Hexachloroethane	7.292	117	189550	33.221	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	526476	41.596	ng		98
20) 3+4-Methylphenols	7.198	107	454247	28.126	ng		91
22) Acetophenone	7.192	105	933893	46.468	ng	#	93
24) Nitrobenzene	7.369	77	758805	44.984	ng		96
25) Isophorone	7.604	82	1536453	44.755	ng		99
26) 2-Nitrophenol	7.681	139	329214	50.889	ng		95
27) 2,4-Dimethylphenol	7.722	122	482291	38.199	ng		98
28) bis(2-Chloroethoxy)met...	7.822	93	888239	44.888	ng		99
29) 2,4-Dichlorophenol	7.928	162	541777	45.783	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	520779	41.001	ng		99
31) Naphthalene	8.086	128	1790960	40.267	ng		99
32) Benzoic acid	7.845	122	141134	22.573	ng		99
33) 4-Chloroaniline	8.139	127	403780	23.869	ng		95
34) Hexachlorobutadiene	8.204	225	282796	37.478	ng		98
35) Caprolactam	8.528	113	40899	11.176	ng		97
36) 4-Chloro-3-methylphenol	8.622	107	575632	42.907	ng		98
37) 2-Methylnaphthalene	8.775	142	1148788	40.083	ng		99
38) 1-Methylnaphthalene	8.875	142	1098747	40.549	ng		100
40) 1,2,4,5-Tetrachloroben...	8.939	216	572495	46.024	ng		98
41) Hexachlorocyclopentadiene	8.928	237	13006	2.306	ng		97
43) 2,4,6-Trichlorophenol	9.057	196	403988	50.090	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	421736	45.579	ng		99
46) 1,1'-Biphenyl	9.245	154	1489187	45.273	ng		99
47) 2-Chloronaphthalene	9.269	162	1156935	46.574	ng		99
48) 2-Nitroaniline	9.369	65	432199	56.465	ng		99
49) Acenaphthylene	9.686	152	1871634	46.374	ng		100
50) Dimethylphthalate	9.551	163	1498524	48.019	ng		100
51) 2,6-Dinitrotoluene	9.616	165	320529	55.210	ng		98
52) Acenaphthene	9.857	154	1051758	43.656	ng		99
53) 3-Nitroaniline	9.780	138	211776	32.714	ng		99
54) 2,4-Dinitrophenol	9.886	184	162937	59.058	ng		98
55) Dibenzofuran	10.028	168	1648799	44.280	ng		99
56) 4-Nitrophenol	9.951	139	159327	35.278	ng		99
57) 2,4-Dinitrotoluene	10.016	165	400363	54.400	ng		98
58) Fluorene	10.375	166	1213294	42.667	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	337861m	44.094	ng		
60) Diethylphthalate	10.251	149	1442279	49.501	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	610221	43.624	ng		97
62) 4-Nitroaniline	10.404	138	263897	43.378	ng		97
63) Azobenzene	10.527	77	1552094	44.524	ng		98
65) 4,6-Dinitro-2-methylph...	10.422	198	137986	42.397	ng		97
66) n-Nitrosodiphenylamine	10.492	169	1133893	51.737	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	390288	53.799	ng		97
68) Hexachlorobenzene	10.922	284	400211	53.328	ng		99
69) Atrazine	11.027	200	334522	56.559	ng		98
70) Pentachlorophenol	11.122	266	392220	82.490	ng		98
71) Phenanthrene	11.339	178	1750325	47.013	ng		100
72) Anthracene	11.392	178	1786450	46.560	ng		99
73) Carbazole	11.551	167	1457535	44.461	ng		99
74) Di-n-butylphthalate	11.886	149	2122036	64.693	ng		100
75) Fluoranthene	12.545	202	1498508	41.233	ng		99
77) Benzidine	12.663	184	272667	42.935	ng		97
78) Pyrene	12.763	202	1534886	42.774	ng		100
80) Butylbenzylphthalate	13.392	149	519814	79.190	ng		96
81) Benzo(a)anthracene	13.957	228	1317706	50.039	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	383491	60.935	ng		99
83) Chrysene	13.998	228	1325836	49.286	ng		100
84) Bis(2-ethylhexyl)phtha...	13.963	149	788776	90.930	ng	#	98
85) Di-n-octyl phthalate	14.580	149	1510769	87.503	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.951	276	1094404	36.169	ng		99
88) Benzo(b)fluoranthene	15.015	252	1422653	52.366	ng		99
89) Benzo(k)fluoranthene	15.051	252	1331114	46.748	ng		97
90) Benzo(a)pyrene	15.392	252	1261389	48.950	ng		99
91) Dibenzo(a,h)anthracene	16.980	278	909819	36.588	ng		98
92) Benzo(g,h,i)perylene	17.409	276	778683	30.755	ng		98

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

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