Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
Data File : BF140835.D
Acq On : 11 Dec 2024 17:54
Operator : RC/JU
Sample : P5239-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

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

Quant Time: Dec 12 00:05:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	67988	20.000	ng		-0.02
21) Naphthalene-d8	8.140	136	253674	20.000	ng		-0.02
39) Acenaphthene-d10	9.898	164	144345	20.000	ng		-0.02
64) Phenanthrene-d10	11.392	188	275270	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	146409	20.000	ng		0.00
86) Perylene-d12	15.551	264	150652	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	395727	99.311	ng		0.00
7) Phenol-d6	6.510	99	536870	101.913	ng		0.00
23) Nitrobenzene-d5	7.428	82	345662	69.699	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	173632	112.472	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	642517	66.321	ng		-0.02
79) Terphenyl-d14	12.975	244	621446	66.094	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	74672	44.570	ng		98
3) Pyridine	3.481	79	187054	50.744	ng		99
4) n-Nitrosodimethylamine	3.410	42	98526	45.477	ng		96
6) Aniline	6.528	93	211036	56.916	ng	#	72
8) 2-Chlorophenol	6.657	128	231191	53.929	ng		95
9) Benzaldehyde	6.416	77	59553	21.355	ng		99
10) Phenol	6.528	94	290991	54.089	ng		91
11) bis(2-Chloroethyl)ether	6.593	93	216715	52.641	ng		100
12) 1,3-Dichlorobenzene	6.798	146	244753	50.810	ng		99
13) 1,4-Dichlorobenzene	6.875	146	249866	51.229	ng		99
14) 1,2-Dichlorobenzene	7.028	146	235415	51.509	ng		99
15) Benzyl Alcohol	7.010	79	209709	53.680	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	260091	53.478	ng	#	58
17) 2-Methylphenol	7.128	107	177538	51.735	ng		93
18) Hexachloroethane	7.369	117	90916	49.908	ng		96
19) n-Nitroso-di-n-propyla...	7.275	70	162655	52.245	ng		98
20) 3+4-Methylphenols	7.281	107	234248	53.107	ng	#	89
22) Acetophenone	7.275	105	316972	51.253	ng		95
24) Nitrobenzene	7.445	77	249756	48.726	ng		99
25) Isophorone	7.687	82	440551	53.259	ng		100
26) 2-Nitrophenol	7.763	139	122568	53.960	ng		97
27) 2,4-Dimethylphenol	7.804	122	181346m	66.726	ng		
28) bis(2-Chloroethoxy)met...	7.887	93	266636	52.912	ng		99
29) 2,4-Dichlorophenol	8.010	162	193809	53.817	ng		98
30) 1,2,4-Trichlorobenzene	8.081	180	206051	50.112	ng		100
31) Naphthalene	8.163	128	677704	51.866	ng		99
32) Benzoic acid	7.951	122	131323	54.399	ng		98
33) 4-Chloroaniline	8.222	127	100808	25.768	ng		97
34) Hexachlorobutadiene	8.275	225	139592	51.255	ng		99
35) Caprolactam	8.604	113	60455m	54.245	ng		
36) 4-Chloro-3-methylphenol	8.716	107	214546	53.210	ng		99
37) 2-Methylnaphthalene	8.857	142	449344	54.143	ng		100
38) 1-Methylnaphthalene	8.957	142	414203	50.917	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	223712	52.941	ng		99
41) Hexachlorocyclopentadiene	9.004	237	98134	101.191	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	133179	50.226	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	141819	49.282	ng		98
46) 1,1'-Biphenyl	9.316	154	564468	52.377	ng		100
47) 2-Chloronaphthalene	9.345	162	419074	51.320	ng		99
48) 2-Nitroaniline	9.451	65	133552	50.953	ng		96
49) Acenaphthylene	9.763	152	683942	55.433	ng		99
50) Dimethylphthalate	9.622	163	517747	54.463	ng		99
51) 2,6-Dinitrotoluene	9.692	165	110449	51.228	ng		95
52) Acenaphthene	9.934	154	414614	52.887	ng		100
53) 3-Nitroaniline	9.869	138	75849	35.970	ng		96
54) 2,4-Dinitrophenol	9.986	184	100637	89.137	ng		95
55) Dibenzofuran	10.110	168	635893	53.178	ng		99
56) 4-Nitrophenol	10.051	139	111418	77.475	ng		94
57) 2,4-Dinitrotoluene	10.104	165	150614	52.563	ng	#	93
58) Fluorene	10.451	166	506348	52.754	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	126531	57.211	ng		94
60) Diethylphthalate	10.322	149	530373	54.911	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	255336	54.207	ng		97
62) 4-Nitroaniline	10.486	138	113699	51.410	ng		97
63) Azobenzene	10.598	77	542523	59.313	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	81942	58.254	ng		97
66) n-Nitrosodiphenylamine	10.563	169	440378	54.098	ng		99
67) 4-Bromophenyl-phenylether	10.928	248	152313	53.729	ng		98
68) Hexachlorobenzene	11.004	284	172648	52.597	ng		99
69) Atrazine	11.092	200	148438	64.818	ng		99
70) Pentachlorophenol	11.210	266	126988	87.899	ng		99
71) Phenanthrene	11.416	178	713761	53.942	ng		100
72) Anthracene	11.469	178	736507	56.902	ng		99
73) Carbazole	11.628	167	652667	52.416	ng		100
74) Di-n-butylphthalate	11.945	149	823837	57.309	ng		99
75) Fluoranthene	12.610	202	713125	49.638	ng		100
77) Benzidine	12.733	184	216045	50.753	ng		100
78) Pyrene	12.839	202	718109	53.047	ng		99
80) Butylbenzylphthalate	13.451	149	275341	56.461	ng		100
81) Benzo(a)anthracene	14.039	228	537310	55.440	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	112669	38.720	ng		98
83) Chrysene	14.074	228	479767	54.138	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	360238	58.501	ng		99
85) Di-n-octyl phthalate	14.639	149	559727	66.512	ng		98
87) Indeno(1,2,3-cd)pyrene	17.074	276	582740	59.355	ng		98
88) Benzo(b)fluoranthene	15.116	252	491364	51.927	ng		99
89) Benzo(k)fluoranthene	15.145	252	471429	56.931	ng		99
90) Benzo(a)pyrene	15.492	252	452601	58.826	ng		99
91) Dibenzo(a,h)anthracene	17.080	278	482233	59.976	ng		99
92) Benzo(g,h,i)perylene	17.533	276	416651	50.781	ng		98

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

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