Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012524\
Data File : BF137154.D
Acq On : 25 Jan 2024 18:33
Operator : CG\JU
Sample : P1240-03MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11985MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

Quant Time: Jan 26 10:17:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 25 23:14:32 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	74286	20.000	ng		0.00
21) Naphthalene-d8	8.086	136	284041	20.000	ng		0.00
39) Acenaphthene-d10	9.845	164	165937	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	318894	20.000	ng		0.00
76) Chrysene-d12	13.992	240	165424	20.000	ng		0.00
86) Perylene-d12	15.474	264	191081	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	562686	112.220	ng		0.02
7) Phenol-d6	6.445	99	712513	108.077	ng		0.00
23) Nitrobenzene-d5	7.375	82	510818	84.306	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	230835	132.242	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	925542	77.651	ng		0.00
79) Terphenyl-d14	12.939	244	1059915	91.622	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	85808	35.418	ng	#	81
3) Pyridine	3.510	79	168838	28.876	ng		97
4) n-Nitrosodimethylamine	3.463	42	136306	40.006	ng		94
6) Aniline	6.475	93	88152	11.083	ng		96
8) 2-Chlorophenol	6.598	128	228709	44.439	ng		97
9) Benzaldehyde	6.369	77	114502	33.107	ng		98
10) Phenol	6.457	94	280474	37.240	ng		96
11) bis(2-Chloroethyl)ether	6.557	93	238645	43.462	ng		95
12) 1,3-Dichlorobenzene	6.751	146	236780	40.275	ng		98
13) 1,4-Dichlorobenzene	6.828	146	240829	40.500	ng		98
14) 1,2-Dichlorobenzene	6.981	146	231183	41.139	ng		98
15) Benzyl Alcohol	6.957	79	248908	46.571	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.087	45	383327	39.566	ng		97
17) 2-Methylphenol	7.063	107	191545	43.430	ng		99
18) Hexachloroethane	7.322	117	82091	40.898	ng		94
19) n-Nitroso-di-n-propyla...	7.228	70	195809	43.900	ng		97
20) 3+4-Methylphenols	7.216	107	243868	43.756	ng		91
22) Acetophenone	7.222	105	348692	43.182	ng	#	90
24) Nitrobenzene	7.392	77	285220	46.811	ng		97
25) Isophorone	7.634	82	531068	44.388	ng		98
26) 2-Nitrophenol	7.704	139	104494	49.780	ng		99
27) 2,4-Dimethylphenol	7.745	122	168085	46.461	ng		97
28) bis(2-Chloroethoxy)met...	7.845	93	298664	44.306	ng		99
29) 2,4-Dichlorophenol	7.945	162	198325	45.605	ng		98
30) 1,2,4-Trichlorobenzene	8.028	180	217014	42.380	ng		99
31) Naphthalene	8.110	128	666655	43.465	ng		99
32) Benzoic acid	7.863	122	108151	45.906	ng		92
33) 4-Chloroaniline	8.157	127	46216	7.982	ng		99
34) Hexachlorobutadiene	8.228	225	143357	42.296	ng		97
35) Caprolactam	8.528	113	56628m	43.162	ng		
36) 4-Chloro-3-methylphenol	8.639	107	236753	47.796	ng		98
37) 2-Methylnaphthalene	8.804	142	458284	44.365	ng		100
38) 1-Methylnaphthalene	8.904	142	431485	44.956	ng		100
40) 1,2,4,5-Tetrachloroben...	8.969	216	238826	42.340	ng		99
41) Hexachlorocyclopentadiene	8.957	237	233028	101.624	ng		99
43) 2,4,6-Trichlorophenol	9.081	196	156269	47.110	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	168638	47.371	ng	98
46) 1,1'-Biphenyl	9.269	154	591804	44.735	ng	99
47) 2-Chloronaphthalene	9.292	162	433373	44.505	ng	99
48) 2-Nitroaniline	9.386	65	157117	48.204	ng	92
49) Acenaphthylene	9.710	152	696238	44.485	ng	99
50) Dimethylphthalate	9.575	163	533217	47.449	ng	100
51) 2,6-Dinitrotoluene	9.633	165	114059	50.338	ng	95
52) Acenaphthene	9.880	154	475335m	49.071	ng	
53) 3-Nitroaniline	9.798	138	42989	20.948	ng	96
54) 2,4-Dinitrophenol	9.904	184	86844	83.233	ng	87
55) Dibenzofuran	10.057	168	656501	44.929	ng	100
56) 4-Nitrophenol	9.963	139	157750	96.631	ng	94
57) 2,4-Dinitrotoluene	10.039	165	152117	52.592	ng	89
58) Fluorene	10.398	166	503228	44.927	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	147976	47.658	ng	97
60) Diethylphthalate	10.280	149	532343	48.302	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	252718	45.264	ng	99
62) 4-Nitroaniline	10.422	138	98211	47.961	ng	98
63) Azobenzene	10.551	77	573977	44.720	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	62467	48.939	ng	80
66) n-Nitrosodiphenylamine	10.516	169	459823	47.033	ng	100
67) 4-Bromophenyl-phenylether	10.886	248	169133	46.030	ng	99
68) Hexachlorobenzene	10.945	284	178515	46.193	ng	97
69) Atrazine	11.045	200	159516	50.645	ng	99
70) Pentachlorophenol	11.139	266	212141	96.333	ng	97
71) Phenanthrene	11.363	178	767406	45.478	ng	99
72) Anthracene	11.416	178	781249	45.448	ng	99
73) Carbazole	11.569	167	651358	44.375	ng	99
74) Di-n-butylphthalate	11.916	149	829647	53.977	ng	99
75) Fluoranthene	12.557	202	752451	42.971	ng	98
77) Benzidine	12.680	184	21740	6.777	ng	96
78) Pyrene	12.786	202	744149	49.880	ng	100
80) Butylbenzylphthalate	13.421	149	221515	63.998	ng	95
81) Benzo(a)anthracene	13.980	228	588947	48.669	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	102878	34.387	ng	100
83) Chrysene	14.015	228	552475	48.169	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	351199	66.630	ng	98
85) Di-n-octyl phthalate	14.610	149	548846	66.672	ng	95
87) Indeno(1,2,3-cd)pyrene	16.986	276	548894	42.786	ng	100
88) Benzo(b)fluoranthene	15.045	252	569233	45.403	ng	98
89) Benzo(k)fluoranthene	15.074	252	535095	43.680	ng	97
90) Benzo(a)pyrene	15.415	252	500791	45.216	ng	100
91) Dibenzo(a,h)anthracene	17.015	278	459086	44.400	ng	98
92) Benzo(g,h,i)perylene	17.445	276	406634	40.835	ng	99

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

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