Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013024\
Data File : BF137197.D
Acq On : 30 Jan 2024 14:24
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 31 04:41:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:27:00 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	54493	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	212554	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	121818	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	231654	20.000	ng	0.00
76) Chrysene-d12	13.974	240	114586	20.000	ng	0.00
86) Perylene-d12	15.457	264	124604	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	428852	129.859	ng	0.00
7) Phenol-d6	6.434	99	580000	123.066	ng	0.00
23) Nitrobenzene-d5	7.363	82	593271	124.965	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	167787	121.960	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1017430	114.813	ng	0.00
79) Terphenyl-d14	12.922	244	1058075	125.530	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.540	88	104086	58.904	ng	97
3) Pyridine	3.299	79	220535	60.813	ng	98
4) n-Nitrosodimethylamine	3.269	42	110274	59.613	ng	97
6) Aniline	6.463	93	332543	65.914	ng	97
8) 2-Chlorophenol	6.581	128	227896	61.718	ng	96
9) Benzaldehyde	6.346	77	87604	51.395	ng	95
10) Phenol	6.446	94	326696	62.102	ng	98
11) bis(2-Chloroethyl)ether	6.540	93	218133	62.046	ng	99
12) 1,3-Dichlorobenzene	6.734	146	260959	60.277	ng	98
13) 1,4-Dichlorobenzene	6.810	146	268742	60.021	ng	98
14) 1,2-Dichlorobenzene	6.963	146	248949	59.467	ng	99
15) Benzyl Alcohol	6.940	79	226063	67.516	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	364153	57.501	ng	98
17) 2-Methylphenol	7.051	107	198910	64.479	ng	98
18) Hexachloroethane	7.304	117	96731	59.901	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	191396	59.230	ng	99
20) 3+4-Methylphenols	7.204	107	243415	62.331	ng	97
22) Acetophenone	7.210	105	345015	60.293	ng	96
24) Nitrobenzene	7.381	77	292209	63.415	ng	99
25) Isophorone	7.616	82	515005	58.771	ng	97
26) 2-Nitrophenol	7.692	139	111418	61.718	ng	90
27) 2,4-Dimethylphenol	7.728	122	156119	62.330	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	282631	60.735	ng	99
29) 2,4-Dichlorophenol	7.934	162	195687	62.978	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	228978	59.327	ng	99
31) Naphthalene	8.098	128	678277	59.027	ng	100
32) Benzoic acid	7.869	122	118381m	65.029	ng	
33) 4-Chloroaniline	8.145	127	256738	64.954	ng	98
34) Hexachlorobutadiene	8.210	225	150489	58.640	ng	99
35) Caprolactam	8.528	113	59866	61.962	ng	93
36) 4-Chloro-3-methylphenol	8.628	107	228854	62.358	ng	99
37) 2-Methylnaphthalene	8.787	142	455914	59.181	ng	99
38) 1-Methylnaphthalene	8.887	142	420403	58.754	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	246374	60.443	ng	99
41) Hexachlorocyclopentadiene	8.939	237	131071	67.513	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	147851	63.950	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	162881	64.453	ng	95
46) 1,1'-Biphenyl	9.251	154	574107	59.234	ng	99
47) 2-Chloronaphthalene	9.275	162	430010	59.950	ng	99
48) 2-Nitroaniline	9.375	65	157750	67.950	ng	96
49) Acenaphthylene	9.692	152	685985	59.739	ng	99
50) Dimethylphthalate	9.563	163	486048	59.060	ng	100
51) 2,6-Dinitrotoluene	9.622	165	112154	63.909	ng	88
52) Acenaphthene	9.863	154	391045m	57.934	ng	
53) 3-Nitroaniline	9.792	138	107096	67.814	ng	96
54) 2,4-Dinitrophenol	9.892	184	42923	58.597	ng	90
55) Dibenzofuran	10.039	168	632067	58.867	ng	99
56) 4-Nitrophenol	9.945	139	72969	58.834	ng	95
57) 2,4-Dinitrotoluene	10.022	165	148650	65.282	ng	96
58) Fluorene	10.381	166	485630	57.693	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	142791m	60.402	ng	
60) Diethylphthalate	10.263	149	479750	59.205	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	240405	57.458	ng	97
62) 4-Nitroaniline	10.410	138	101334	66.773	ng	97
63) Azobenzene	10.539	77	536093	59.736	ng	96
65) 4,6-Dinitro-2-methylph...	10.428	198	77391	61.398	ng	98
66) n-Nitrosodiphenylamine	10.498	169	428056	60.772	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	156312	61.366	ng	97
68) Hexachlorobenzene	10.928	284	167983	59.042	ng	94
69) Atrazine	11.033	200	142193	61.152	ng	96
70) Pentachlorophenol	11.122	266	108102	71.045	ng	96
71) Phenanthrene	11.345	178	708879	58.453	ng	99
72) Anthracene	11.398	178	752503	59.532	ng	100
73) Carbazole	11.557	167	625479	59.209	ng	99
74) Di-n-butylphthalate	11.898	149	690520	60.470	ng	99
75) Fluoranthene	12.539	202	711499	56.067	ng	99
77) Benzidine	12.669	184	122530	63.679	ng	99
78) Pyrene	12.769	202	713677	64.810	ng	99
80) Butylbenzylphthalate	13.404	149	180509	64.080	ng	99
81) Benzo(a)anthracene	13.963	228	480199	59.174	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	133084	60.193	ng	98
83) Chrysene	13.998	228	475823	59.641	ng	100
84) Bis(2-ethylhexyl)phtha...	13.969	149	211977	64.681	ng	100
85) Di-n-octyl phthalate	14.586	149	352190	71.385	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	588551	67.231	ng	99
88) Benzo(b)fluoranthene	15.021	252	437905	57.145	ng	98
89) Benzo(k)fluoranthene	15.051	252	477061	58.848	ng	99
90) Benzo(a)pyrene	15.392	252	437995	60.736	ng	100
91) Dibenzo(a,h)anthracene	16.986	278	473457	67.497	ng	99
92) Benzo(g,h,i)perylene	17.415	276	457303	66.425	ng	99

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

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