Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012724\
Data File : BF137178.D
Acq On : 26 Jan 2024 21:12
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 27 01:59:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 01:49:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/29/2024
Supervised By :mohammad ahmed 01/30/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	66550	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	259069	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	153082	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	303608	20.000	ng		0.00
76) Chrysene-d12	13.986	240	166112	20.000	ng		0.00
86) Perylene-d12	15.468	264	155727	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	417179	106.640	ng		0.00
7) Phenol-d6	6.440	99	568033	101.796	ng		0.00
23) Nitrobenzene-d5	7.369	82	589586	103.240	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	177813	103.965	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	1042903	95.650	ng		0.00
79) Terphenyl-d14	12.933	244	1234581	104.245	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	102908	49.123	ng		98
3) Pyridine	3.322	79	199655	49.393	ng		99
4) n-Nitrosodimethylamine	3.299	42	108143	48.677	ng		91
6) Aniline	6.475	93	323421	56.249	ng		96
8) 2-Chlorophenol	6.587	128	226162	51.237	ng		97
9) Benzaldehyde	6.357	77	115684	53.419	ng		97
10) Phenol	6.451	94	320535	52.233	ng		95
11) bis(2-Chloroethyl)ether	6.545	93	239221	52.845	ng		99
12) 1,3-Dichlorobenzene	6.745	146	255679	48.814	ng		98
13) 1,4-Dichlorobenzene	6.822	146	253643	46.994	ng		98
14) 1,2-Dichlorobenzene	6.969	146	245695	48.545	ng		97
15) Benzyl Alcohol	6.951	79	218588	52.650	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.075	45	374898	47.011	ng		97
17) 2-Methylphenol	7.057	107	203932	54.110	ng		99
18) Hexachloroethane	7.310	117	93838	48.663	ng		97
19) n-Nitroso-di-n-propyla...	7.222	70	193334	48.867	ng		98
20) 3+4-Methylphenols	7.210	107	242313	52.546	ng	#	87
22) Acetophenone	7.216	105	351723	51.788	ng	#	94
24) Nitrobenzene	7.387	77	285065	52.282	ng		98
25) Isophorone	7.628	82	529695	49.615	ng		100
26) 2-Nitrophenol	7.698	139	102806	49.565	ng		95
27) 2,4-Dimethylphenol	7.739	122	155489	52.367	ng		97
28) bis(2-Chloroethoxy)met...	7.839	93	288048	51.217	ng		100
29) 2,4-Dichlorophenol	7.939	162	197981	55.393	ng		98
30) 1,2,4-Trichlorobenzene	8.022	180	228883	49.137	ng		100
31) Naphthalene	8.104	128	678457	49.466	ng		99
32) Benzoic acid	7.875	122	81013	49.240	ng		97
33) 4-Chloroaniline	8.157	127	249871	54.392	ng		99
34) Hexachlorobutadiene	8.222	225	150575	48.966	ng		97
35) Caprolactam	8.534	113	63986	54.212	ng		96
36) 4-Chloro-3-methylphenol	8.634	107	232115	53.027	ng		96
37) 2-Methylnaphthalene	8.798	142	462408	49.595	ng		98
38) 1-Methylnaphthalene	8.892	142	428378	48.943	ng		99
40) 1,2,4,5-Tetrachloroben...	8.957	216	251824	49.497	ng		99
41) Hexachlorocyclopentadiene	8.945	237	130076	54.151	ng		96
43) 2,4,6-Trichlorophenol	9.075	196	152895	53.318	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	154536	52.108	ng		95
46) 1,1'-Biphenyl	9.263	154	587398	48.777	ng		98
47) 2-Chloronaphthalene	9.286	162	436352	49.039	ng		100
48) 2-Nitroaniline	9.386	65	157732	55.335	ng	#	86
49) Acenaphthylene	9.704	152	707773	49.193	ng		99
50) Dimethylphthalate	9.569	163	522152	49.071	ng		99
51) 2,6-Dinitrotoluene	9.628	165	115263	52.538	ng		92
52) Acenaphthene	9.875	154	408401	47.724	ng		99
53) 3-Nitroaniline	9.798	138	108362	49.892	ng		91
54) 2,4-Dinitrophenol	9.898	184	36183	49.320	ng		91
55) Dibenzofuran	10.045	168	651731	48.515	ng		99
56) 4-Nitrophenol	9.957	139	73106	51.191	ng		93
57) 2,4-Dinitrotoluene	10.033	165	154601	55.222	ng		93
58) Fluorene	10.392	166	507788	48.088	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	153645m	52.490	ng		
60) Diethylphthalate	10.269	149	518826	49.134	ng		99
61) 4-Chlorophenyl-phenyle...	10.386	204	252048	47.828	ng		96
62) 4-Nitroaniline	10.422	138	107056	54.364	ng		98
63) Azobenzene	10.545	77	562261	48.888	ng		99
65) 4,6-Dinitro-2-methylph...	10.439	198	71432	48.926	ng		89
66) n-Nitrosodiphenylamine	10.510	169	450665	50.024	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	168475	50.421	ng		97
68) Hexachlorobenzene	10.933	284	182522	49.411	ng		99
69) Atrazine	11.039	200	157165	50.528	ng		96
70) Pentachlorophenol	11.133	266	111749	55.657	ng		97
71) Phenanthrene	11.357	178	766809	48.818	ng		99
72) Anthracene	11.410	178	798594	49.264	ng		100
73) Carbazole	11.569	167	685792	49.954	ng		98
74) Di-n-butylphthalate	11.904	149	788236	50.272	ng		100
75) Fluoranthene	12.551	202	810793	48.085	ng		99
77) Benzidine	12.680	184	167199	51.356	ng		99
78) Pyrene	12.780	202	814223	53.245	ng		99
80) Butylbenzylphthalate	13.416	149	236415	50.559	ng		98
81) Benzo(a)anthracene	13.974	228	597475	50.315	ng		99
82) 3,3'-Dichlorobenzidine	13.945	252	178513	53.787	ng		97
83) Chrysene	14.016	228	602438	50.912	ng		98
84) Bis(2-ethylhexyl)phtha...	13.980	149	300580	55.469	ng		100
85) Di-n-octyl phthalate	14.604	149	435146	53.653	ng		100
87) Indeno(1,2,3-cd)pyrene	16.986	276	570826	55.932	ng		100
88) Benzo(b)fluoranthene	15.039	252	487741	48.889	ng		99
89) Benzo(k)fluoranthene	15.068	252	499672	49.615	ng		98
90) Benzo(a)pyrene	15.410	252	462556	51.400	ng		99
91) Dibenzo(a,h)anthracene	17.009	278	451486	55.336	ng		98
92) Benzo(g,h,i)perylene	17.439	276	445374	55.974	ng		98

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

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