Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137769.D
Acq On : 30 Apr 2024 13:43
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 01 02:58:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 02:54:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	240357	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	950105	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	534121	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	950591	20.000	ng	0.00
76) Chrysene-d12	14.257	240	672269	20.000	ng	0.00
86) Perylene-d12	15.827	264	506011	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1357694	94.575	ng	0.00
7) Phenol-d6	6.675	99	1721460	94.539	ng	0.00
23) Nitrobenzene-d5	7.628	82	1576101	96.377	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	536290	98.339	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2952733	89.688	ng	0.00
79) Terphenyl-d14	13.192	244	3596785	89.662	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.963	88	313321	48.468	ng	100
3) Pyridine	3.734	79	752310	48.084	ng	99
4) n-Nitrosodimethylamine	3.704	42	343128	48.703	ng	99
6) Aniline	6.751	93	880307m	48.590	ng	
8) 2-Chlorophenol	6.845	128	745240	47.635	ng	99
9) Benzaldehyde	6.610	77	405009	41.302	ng	96
10) Phenol	6.687	94	888869	47.640	ng	98
11) bis(2-Chloroethyl)ether	6.792	93	699102	47.853	ng	99
12) 1,3-Dichlorobenzene	6.998	146	839456	47.582	ng	98
13) 1,4-Dichlorobenzene	7.075	146	841173	47.518	ng	100
14) 1,2-Dichlorobenzene	7.234	146	776606	46.578	ng	99
15) Benzyl Alcohol	7.192	79	611279	48.544	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.328	45	973583	47.411	ng	100
17) 2-Methylphenol	7.292	107	609746	48.301	ng	99
18) Hexachloroethane	7.575	117	291282	48.673	ng	99
19) n-Nitroso-di-n-propyla...	7.469	70	507996	46.683	ng	98
20) 3+4-Methylphenols	7.451	107	794072	47.811	ng	94
22) Acetophenone	7.469	105	999428	46.772	ng	98
24) Nitrobenzene	7.645	77	810549	48.090	ng	94
25) Isophorone	7.875	82	1398604	47.434	ng	99
26) 2-Nitrophenol	7.957	139	397265	52.049	ng	97
27) 2,4-Dimethylphenol	7.981	122	523796	47.669	ng	98
28) bis(2-Chloroethoxy)met...	8.081	93	838604	46.974	ng	99
29) 2,4-Dichlorophenol	8.192	162	646982	48.713	ng	100
30) 1,2,4-Trichlorobenzene	8.281	180	683054	47.176	ng	99
31) Naphthalene	8.369	128	2189751	46.377	ng	99
32) Benzoic acid	8.098	122	488911	51.575	ng	98
33) 4-Chloroaniline	8.416	127	841023	48.034	ng	99
34) Hexachlorobutadiene	8.475	225	418217	47.048	ng	100
35) Caprolactam	8.786	113	210095	49.926	ng	99
36) 4-Chloro-3-methylphenol	8.880	107	662161	47.808	ng	98
37) 2-Methylnaphthalene	9.057	142	1425142	46.629	ng	99
38) 1-Methylnaphthalene	9.157	142	1403675	46.682	ng	100
40) 1,2,4,5-Tetrachloroben...	9.222	216	669713	47.341	ng	100
41) Hexachlorocyclopentadiene	9.204	237	292294	50.869	ng	100
43) 2,4,6-Trichlorophenol	9.328	196	469586	48.765	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	525987	49.468	ng		98
46) 1,1'-Biphenyl	9.522	154	1710953	46.676	ng		99
47) 2-Chloronaphthalene	9.551	162	1394754	47.130	ng		99
48) 2-Nitroaniline	9.645	65	411478	51.267	ng		94
49) Acenaphthylene	9.969	152	2031758	47.460	ng		99
50) Dimethylphthalate	9.822	163	1601599	47.499	ng		99
51) 2,6-Dinitrotoluene	9.886	165	386447	50.150	ng		89
52) Acenaphthene	10.145	154	1342488	47.310	ng		100
53) 3-Nitroaniline	10.057	138	401122	49.708	ng		93
54) 2,4-Dinitrophenol	10.157	184	209850	55.424	ng		95
55) Dibenzofuran	10.316	168	1924055	46.594	ng		98
56) 4-Nitrophenol	10.198	139	347717	51.991	ng		92
57) 2,4-Dinitrotoluene	10.286	165	518956	51.550	ng		97
58) Fluorene	10.657	166	1533141	46.651	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.427	232	424795	49.209	ng		99
60) Diethylphthalate	10.522	149	1519850	47.460	ng		98
61) 4-Chlorophenyl-phenyle...	10.645	204	763447	47.147	ng		99
62) 4-Nitroaniline	10.675	138	418201	51.094	ng		94
63) Azobenzene	10.810	77	1471317	47.537	ng		95
65) 4,6-Dinitro-2-methylph...	10.698	198	285937	52.407	ng		94
66) n-Nitrosodiphenylamine	10.769	169	1329845	46.735	ng		100
67) 4-Bromophenyl-phenylether	11.139	248	478911	47.075	ng		98
68) Hexachlorobenzene	11.204	284	529064	47.588	ng		99
69) Atrazine	11.286	200	412267	47.517	ng		98
70) Pentachlorophenol	11.398	266	387541	50.774	ng		98
71) Phenanthrene	11.627	178	2170562	46.847	ng		100
72) Anthracene	11.680	178	2167700	47.020	ng		99
73) Carbazole	11.833	167	2087943	46.994	ng		100
74) Di-n-butylphthalate	12.151	149	2321226	47.894	ng		100
75) Fluoranthene	12.821	202	2402517	47.436	ng		99
77) Benzidine	12.939	184	865447	55.663	ng		99
78) Pyrene	13.057	202	2493762	46.785	ng		99
80) Butylbenzylphthalate	13.663	149	885257	52.345	ng		94
81) Benzo(a)anthracene	14.245	228	2079407	48.361	ng		99
82) 3,3'-Dichlorobenzidine	14.204	252	631525	49.061	ng		99
83) Chrysene	14.286	228	1933274	48.020	ng		100
84) Bis(2-ethylhexyl)phtha...	14.215	149	1126924	52.873	ng	#	97
85) Di-n-octyl phthalate	14.845	149	1539802	53.681	ng		100
87) Indeno(1,2,3-cd)pyrene	17.468	276	1378715	47.925	ng		100
88) Benzo(b)fluoranthene	15.357	252	1567927	49.803	ng		99
89) Benzo(k)fluoranthene	15.386	252	1510031	49.624	ng		100
90) Benzo(a)pyrene	15.762	252	1249207	48.637	ng		99
91) Dibenzo(a,h)anthracene	17.492	278	1121366	47.888	ng		99
92) Benzo(g,h,i)perylene	17.974	276	1183018	48.192	ng		99

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

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