Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012524\
Data File : BF137144.D
Acq On : 25 Jan 2024 12:52
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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

Quant Time: Jan 25 23:08:21 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 23:02:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	71754	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	272358	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	155108	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	292681	20.000	ng	0.00
76) Chrysene-d12	13.992	240	174672	20.000	ng	0.00
86) Perylene-d12	15.474	264	155305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	389309	80.382	ng	0.00
7) Phenol-d6	6.445	99	519008	81.504	ng	0.00
23) Nitrobenzene-d5	7.381	82	501747	86.361	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	138123	84.653	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	891432	80.010	ng	0.00
79) Terphenyl-d14	12.939	244	1002786	82.094	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	94085	40.204	ng	100
3) Pyridine	3.351	79	230260	40.770	ng	100
4) n-Nitrosodimethylamine	3.316	42	136542	41.489	ng	100
6) Aniline	6.481	93	313764	40.840	ng	100
8) 2-Chlorophenol	6.598	128	202830	40.802	ng	100
9) Benzaldehyde	6.369	77	141182	42.262	ng	100
10) Phenol	6.457	94	295258	40.582	ng	100
11) bis(2-Chloroethyl)ether	6.557	93	214164	40.380	ng	100
12) 1,3-Dichlorobenzene	6.757	146	229271	40.374	ng	100
13) 1,4-Dichlorobenzene	6.834	146	232686	40.511	ng	100
14) 1,2-Dichlorobenzene	6.981	146	221695	40.843	ng	100
15) Benzyl Alcohol	6.957	79	215238	41.693	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.086	45	381842	40.803	ng	100
17) 2-Methylphenol	7.063	107	173066	40.625	ng	100
18) Hexachloroethane	7.328	117	80363	41.450	ng	100
19) n-Nitroso-di-n-propyla...	7.234	70	174948	40.607	ng	100
20) 3+4-Methylphenols	7.216	107	221165	41.082	ng	100
22) Acetophenone	7.228	105	310313	40.078	ng	100
24) Nitrobenzene	7.398	77	250272	42.837	ng	100
25) Isophorone	7.633	82	463609	40.412	ng	100
26) 2-Nitrophenol	7.710	139	75709	38.661	ng	100
27) 2,4-Dimethylphenol	7.745	122	139267	40.147	ng	100
28) bis(2-Chloroethoxy)met...	7.845	93	261402	40.442	ng	100
29) 2,4-Dichlorophenol	7.945	162	172334	41.329	ng	100
30) 1,2,4-Trichlorobenzene	8.033	180	199797	40.691	ng	100
31) Naphthalene	8.116	128	591497	40.219	ng	100
32) Benzoic acid	7.857	122	78320m	36.592	ng	
33) 4-Chloroaniline	8.163	127	225298	40.579	ng	100
34) Hexachlorobutadiene	8.233	225	130874	40.269	ng	100
35) Caprolactam	8.533	113	51393	40.853	ng	100
36) 4-Chloro-3-methylphenol	8.639	107	198004	41.688	ng	100
37) 2-Methylnaphthalene	8.804	142	399715	40.355	ng	100
38) 1-Methylnaphthalene	8.904	142	373326	40.565	ng	100
40) 1,2,4,5-Tetrachloroben...	8.969	216	212769	40.354	ng	100
41) Hexachlorocyclopentadiene	8.957	237	94687	44.176	ng	100
43) 2,4,6-Trichlorophenol	9.080	196	128930	41.582	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	137829	41.420	ng	100
46) 1,1'-Biphenyl	9.275	154	498829	40.339	ng	100
47) 2-Chloronaphthalene	9.292	162	369183	40.560	ng	100
48) 2-Nitroaniline	9.392	65	117845	39.498	ng	100
49) Acenaphthylene	9.710	152	590280	40.348	ng	100
50) Dimethylphthalate	9.575	163	427628	40.710	ng	100
51) 2,6-Dinitrotoluene	9.633	165	82859	39.763	ng	100
52) Acenaphthene	9.880	154	363398	40.135	ng	100
53) 3-Nitroaniline	9.804	138	83752	43.661	ng	100
54) 2,4-Dinitrophenol	9.904	184	26513	38.973	ng	100
55) Dibenzofuran	10.057	168	553286	40.508	ng	100
56) 4-Nitrophenol	9.951	139	65709	43.061	ng	100
57) 2,4-Dinitrotoluene	10.033	165	101601	38.809	ng	100
58) Fluorene	10.398	166	418838	40.004	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	124135	42.771	ng	100
60) Diethylphthalate	10.280	149	425664	41.319	ng	100
61) 4-Chlorophenyl-phenyle...	10.392	204	211599	40.545	ng	100
62) 4-Nitroaniline	10.416	138	84432	44.111	ng	100
63) Azobenzene	10.557	77	482979	40.257	ng	100
65) 4,6-Dinitro-2-methylph...	10.439	198	41238	37.506	ng	100
66) n-Nitrosodiphenylamine	10.516	169	370318	41.270	ng	100
67) 4-Bromophenyl-phenylether	10.886	248	137507	40.775	ng	100
68) Hexachlorobenzene	10.945	284	144420	40.717	ng	100
69) Atrazine	11.045	200	120803	41.789	ng	100
70) Pentachlorophenol	11.139	266	88004	43.542	ng	100
71) Phenanthrene	11.363	178	623722	40.273	ng	100
72) Anthracene	11.416	178	638700	40.483	ng	100
73) Carbazole	11.569	167	548077	40.683	ng	100
74) Di-n-butylphthalate	11.916	149	595247	42.196	ng	100
75) Fluoranthene	12.557	202	648331	40.341	ng	100
77) Benzidine	12.686	184	156216	46.117	ng	100
78) Pyrene	12.786	202	658886	41.826	ng	100
80) Butylbenzylphthalate	13.421	149	117080	39.437	ng	100
81) Benzo(a)anthracene	13.980	228	523852	40.998	ng	100
82) 3,3'-Dichlorobenzidine	13.951	252	142440	45.090	ng	100
83) Chrysene	14.021	228	491721	40.602	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	187059	36.724	ng	100
85) Di-n-octyl phthalate	14.610	149	288336	37.586	ng	100
87) Indeno(1,2,3-cd)pyrene	16.986	276	456109	43.744	ng	100
88) Benzo(b)fluoranthene	15.039	252	415845	40.809	ng	100
89) Benzo(k)fluoranthene	15.074	252	394516	39.623	ng	100
90) Benzo(a)pyrene	15.415	252	371029	41.217	ng	100
91) Dibenzo(a,h)anthracene	17.015	278	367864	43.773	ng	100
92) Benzo(g,h,i)perylene	17.445	276	354811	43.839	ng	100

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

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