Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022324\
Data File : BF137370.D
Acq On : 23 Feb 2024 12:29
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 24 04:16:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 24 04:02:17 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	187918	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	767138	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	434402	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	745721	20.000	ng	0.00
76) Chrysene-d12	13.980	240	413231	20.000	ng	0.00
86) Perylene-d12	15.462	264	338860	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1037424	85.185	ng	0.00
7) Phenol-d6	6.439	99	1465853	81.823	ng	0.00
23) Nitrobenzene-d5	7.363	82	1290369	83.976	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	308725	81.613	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2203692	78.978	ng	0.00
79) Terphenyl-d14	12.927	244	2422697	82.002	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.557	88	272832	40.895	ng	100
3) Pyridine	3.316	79	680773	40.310	ng	100
4) n-Nitrosodimethylamine	3.287	42	250811	39.989	ng	100
6) Aniline	6.469	93	906794	42.683	ng	100
8) 2-Chlorophenol	6.587	128	531459	40.687	ng	100
9) Benzaldehyde	6.357	77	378396	43.872	ng	100
10) Phenol	6.451	94	810399	41.333	ng	100
11) bis(2-Chloroethyl)ether	6.545	93	565643	39.703	ng	100
12) 1,3-Dichlorobenzene	6.739	146	567936	40.488	ng	100
13) 1,4-Dichlorobenzene	6.816	146	583230	40.384	ng	100
14) 1,2-Dichlorobenzene	6.969	146	534042	39.977	ng	100
15) Benzyl Alcohol	6.945	79	465854	43.624	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.075	45	967014	40.836	ng	100
17) 2-Methylphenol	7.057	107	508739	41.163	ng	100
18) Hexachloroethane	7.310	117	199866	40.161	ng	100
19) n-Nitroso-di-n-propyla...	7.216	70	446498	40.445	ng	100
20) 3+4-Methylphenols	7.210	107	590215	41.899	ng	100
22) Acetophenone	7.210	105	763760	41.057	ng	100
24) Nitrobenzene	7.386	77	667506	42.752	ng	100
25) Isophorone	7.622	82	1277576	40.205	ng	100
26) 2-Nitrophenol	7.698	139	232100	39.452	ng	100
27) 2,4-Dimethylphenol	7.734	122	485900	41.578	ng	100
28) bis(2-Chloroethoxy)met...	7.834	93	758732	41.425	ng	100
29) 2,4-Dichlorophenol	7.939	162	459306	41.933	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	480210	40.845	ng	100
31) Naphthalene	8.104	128	1658384	40.283	ng	100
32) Benzoic acid	7.863	122	263349	38.345	ng	100
33) 4-Chloroaniline	8.151	127	671870	42.909	ng	100
34) Hexachlorobutadiene	8.216	225	279826	40.065	ng	100
35) Caprolactam	8.528	113	141347	41.834	ng	100
36) 4-Chloro-3-methylphenol	8.633	107	509916	41.064	ng	100
37) 2-Methylnaphthalene	8.792	142	1071540	40.393	ng	100
38) 1-Methylnaphthalene	8.892	142	1001535	39.932	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	493257	41.226	ng	100
41) Hexachlorocyclopentadiene	8.945	237	228250	42.076	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	321615	41.458	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	376516	42.305	ng	100
46) 1,1'-Biphenyl	9.257	154	1281342	40.499	ng	100
47) 2-Chloronaphthalene	9.280	162	973239	40.732	ng	100
48) 2-Nitroaniline	9.380	65	276217	38.941	ng	100
49) Acenaphthylene	9.698	152	1575122	40.574	ng	100
50) Dimethylphthalate	9.563	163	1209999	40.311	ng	100
51) 2,6-Dinitrotoluene	9.628	165	243286	43.566	ng	100
52) Acenaphthene	9.869	154	942776	40.684	ng	100
53) 3-Nitroaniline	9.798	138	252790	40.058	ng	100
54) 2,4-Dinitrophenol	9.898	184	95042	38.905	ng	100
55) Dibenzofuran	10.045	168	1439447	40.190	ng	100
56) 4-Nitrophenol	9.957	139	177523	40.100	ng	100
57) 2,4-Dinitrotoluene	10.028	165	290082	41.240	ng	100
58) Fluorene	10.386	166	1075160	39.308	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	299506m	40.437	ng	
60) Diethylphthalate	10.263	149	1144454	40.837	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	531002	39.466	ng	100
62) 4-Nitroaniline	10.416	138	232751	40.978	ng	100
63) Azobenzene	10.539	77	1378408	41.110	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	138656	38.961	ng	100
66) n-Nitrosodiphenylamine	10.504	169	973505	40.196	ng	100
67) 4-Bromophenyl-phenylether	10.874	248	329819	41.141	ng	100
68) Hexachlorobenzene	10.933	284	335433	40.447	ng	100
69) Atrazine	11.033	200	271058	41.472	ng	100
70) Pentachlorophenol	11.127	266	228241	43.439	ng	100
71) Phenanthrene	11.351	178	1625358	39.506	ng	100
72) Anthracene	11.404	178	1716934	40.494	ng	100
73) Carbazole	11.563	167	1479910	40.852	ng	100
74) Di-n-butylphthalate	11.898	149	1540771	42.506	ng	100
75) Fluoranthene	12.545	202	1595501	39.728	ng	100
77) Benzidine	12.680	184	273352	40.118	ng	100
78) Pyrene	12.774	202	1645891	42.122	ng	100
80) Butylbenzylphthalate	13.404	149	207554	39.293	ng	100
81) Benzo(a)anthracene	13.968	228	1156498	40.332	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	256809	39.413	ng	100
83) Chrysene	14.010	228	1179542	40.268	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	265711	38.439	ng	100
85) Di-n-octyl phthalate	14.592	149	426424	38.226	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	968478	41.538	ng	100
88) Benzo(b)fluoranthene	15.027	252	857160	41.235	ng	100
89) Benzo(k)fluoranthene	15.057	252	868542	39.892	ng	100
90) Benzo(a)pyrene	15.404	252	826344	41.909	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	803407	41.989	ng	100
92) Benzo(g,h,i)perylene	17.427	276	819688	41.533	ng	100

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

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