Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053124\
Data File : BF138089.D
Acq On : 31 May 2024 15:47
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 01 01:12:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF053124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 01 01:06:32 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	124994	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	485392	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	272400	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	462151	20.000	ng	0.00
76) Chrysene-d12	14.239	240	265633	20.000	ng	0.00
86) Perylene-d12	15.804	264	246591	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	542118	77.532	ng	0.00
7) Phenol-d6	6.663	99	708464	78.683	ng	0.00
23) Nitrobenzene-d5	7.604	82	659688	79.195	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	251152	79.043	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1440552	78.390	ng	0.00
79) Terphenyl-d14	13.168	244	1531101	83.375	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.946	88	120444	39.676	ng	100
3) Pyridine	3.722	79	276763	41.247	ng	100
4) n-Nitrosodimethylamine	3.687	42	117210	39.782	ng	100
6) Aniline	6.704	93	174031	41.012	ng	100
8) 2-Chlorophenol	6.822	128	315538	39.338	ng	100
9) Benzaldehyde	6.592	77	138933	34.711	ng	100
10) Phenol	6.675	94	353042	39.532	ng	100
11) bis(2-Chloroethyl)ether	6.769	93	280944	38.076	ng	100
12) 1,3-Dichlorobenzene	6.981	146	366984	39.372	ng	100
13) 1,4-Dichlorobenzene	7.057	146	373498	39.862	ng	100
14) 1,2-Dichlorobenzene	7.210	146	350635	39.549	ng	100
15) Benzyl Alcohol	7.175	79	153181	38.833	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.304	45	321993	39.595	ng	100
17) 2-Methylphenol	7.281	107	254767	39.568	ng	100
18) Hexachloroethane	7.551	117	128211	40.281	ng	100
19) n-Nitroso-di-n-propyla...	7.445	70	203329	38.943	ng	100
20) 3+4-Methylphenols	7.434	107	323417	39.958	ng	100
22) Acetophenone	7.445	105	429345	39.261	ng	100
24) Nitrobenzene	7.622	77	328329	39.601	ng	100
25) Isophorone	7.857	82	561774	39.090	ng	100
26) 2-Nitrophenol	7.933	139	182425	41.167	ng	100
27) 2,4-Dimethylphenol	7.963	122	218063	41.110	ng	100
28) bis(2-Chloroethoxy)met...	8.057	93	348486	39.623	ng	100
29) 2,4-Dichlorophenol	8.181	162	285959	40.167	ng	100
30) 1,2,4-Trichlorobenzene	8.257	180	311396	39.468	ng	100
31) Naphthalene	8.345	128	977592	39.144	ng	100
32) Benzoic acid	8.092	122	155194m	39.015	ng	
33) 4-Chloroaniline	8.445	127	336558	39.976	ng	100
34) Hexachlorobutadiene	8.451	225	202105	39.659	ng	100
35) Caprolactam	8.775	113	84090m	40.161	ng	
36) 4-Chloro-3-methylphenol	8.875	107	282086	39.525	ng	100
37) 2-Methylnaphthalene	9.039	142	641129	39.018	ng	100
38) 1-Methylnaphthalene	9.139	142	632442	39.551	ng	100
40) 1,2,4,5-Tetrachloroben...	9.204	216	310990	40.221	ng	100
41) Hexachlorocyclopentadiene	9.186	237	118641	43.986	ng	100
43) 2,4,6-Trichlorophenol	9.316	196	206044	40.173	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	225184	40.267	ng	100
46) 1,1'-Biphenyl	9.504	154	779923	39.808	ng	100
47) 2-Chloronaphthalene	9.533	162	618966	39.390	ng	100
48) 2-Nitroaniline	9.627	65	157616	40.057	ng	100
49) Acenaphthylene	9.951	152	886560	39.424	ng	100
50) Dimethylphthalate	9.798	163	709077	39.282	ng	100
51) 2,6-Dinitrotoluene	9.869	165	163302	39.407	ng	100
52) Acenaphthene	10.122	154	559826	39.308	ng	100
53) 3-Nitroaniline	10.045	138	158315	40.136	ng	100
54) 2,4-Dinitrophenol	10.145	184	82046	40.722	ng	100
55) Dibenzofuran	10.292	168	861920	39.415	ng	100
56) 4-Nitrophenol	10.198	139	113010	42.986	ng	100
57) 2,4-Dinitrotoluene	10.275	165	215638	39.460	ng	100
58) Fluorene	10.639	166	690175	39.173	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.410	232	180169	40.862	ng	100
60) Diethylphthalate	10.498	149	668112	38.970	ng	100
61) 4-Chlorophenyl-phenyle...	10.627	204	348465	39.168	ng	100
62) 4-Nitroaniline	10.663	138	140903	39.346	ng	100
63) Azobenzene	10.786	77	577820	39.221	ng	100
65) 4,6-Dinitro-2-methylph...	10.680	198	120410	41.550	ng	100
66) n-Nitrosodiphenylamine	10.745	169	575423	40.025	ng	100
67) 4-Bromophenyl-phenylether	11.121	248	216337	39.936	ng	100
68) Hexachlorobenzene	11.186	284	238199	39.573	ng	100
69) Atrazine	11.269	200	164113	41.347	ng	100
70) Pentachlorophenol	11.386	266	129258	41.480	ng	100
71) Phenanthrene	11.610	178	917763	39.480	ng	100
72) Anthracene	11.663	178	907139	39.128	ng	100
73) Carbazole	11.816	167	839407	38.969	ng	100
74) Di-n-butylphthalate	12.127	149	1013980	39.444	ng	100
75) Fluoranthene	12.804	202	947354	38.624	ng	100
77) Benzidine	12.939	184	115003	39.517	ng	100
78) Pyrene	13.033	202	951175	42.150	ng	100
80) Butylbenzylphthalate	13.639	149	337515	41.196	ng	100
81) Benzo(a)anthracene	14.227	228	696468	40.146	ng	100
82) 3,3'-Dichlorobenzidine	14.180	252	186196	40.066	ng	100
83) Chrysene	14.262	228	651818	39.793	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	454169	40.747	ng	100
85) Di-n-octyl phthalate	14.815	149	649098	39.737	ng	100
87) Indeno(1,2,3-cd)pyrene	17.445	276	617980	41.578	ng	100
88) Benzo(b)fluoranthene	15.333	252	577449	38.012	ng	100
89) Benzo(k)fluoranthene	15.362	252	580495	40.217	ng	100
90) Benzo(a)pyrene	15.739	252	502102	39.539	ng	100
91) Dibenzo(a,h)anthracene	17.462	278	512558	42.034	ng	100
92) Benzo(g,h,i)perylene	17.945	276	515950	41.657	ng	100

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

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