Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021224\
Data File : BF137361.D
Acq On : 12 Feb 2024 17:28
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

Quant Time: Feb 13 02:21:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 13 02:09:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	206138	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	819847	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	429891	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	725818	20.000	ng		0.00
76) Chrysene-d12	13.969	240	400533	20.000	ng		0.00
86) Perylene-d12	15.451	264	418887	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	1622425	117.972	ng		0.00
7) Phenol-d6	6.434	99	2220449	115.602	ng		0.01
23) Nitrobenzene-d5	7.357	82	1964313	122.982	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	506803	128.380	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	3088718	106.438	ng		0.00
79) Terphenyl-d14	12.916	244	3340321	119.364	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.528	88	432345	59.553	ng		98
3) Pyridine	3.287	79	1062879	67.201	ng		100
4) n-Nitrosodimethylamine	3.263	42	417375	61.753	ng		99
6) Aniline	6.457	93	1127269	62.890	ng		99
8) 2-Chlorophenol	6.575	128	835672	57.854	ng		99
9) Benzaldehyde	6.340	77	579929	57.595	ng		99
10) Phenol	6.445	94	1205519	58.471	ng		91
11) bis(2-Chloroethyl)ether	6.534	93	944741	60.661	ng		99
12) 1,3-Dichlorobenzene	6.728	146	956376	57.823	ng		97
13) 1,4-Dichlorobenzene	6.804	146	975969	57.288	ng		99
14) 1,2-Dichlorobenzene	6.957	146	860754	55.278	ng		98
15) Benzyl Alcohol	6.934	79	661864	62.003	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	1363092	57.509	ng		97
17) 2-Methylphenol	7.045	107	754975	61.550	ng		98
18) Hexachloroethane	7.292	117	340104	57.025	ng		96
19) n-Nitroso-di-n-propyla...	7.210	70	660602	60.321	ng		99
20) 3+4-Methylphenols	7.198	107	809608	56.562	ng		97
22) Acetophenone	7.198	105	1140285	57.140	ng	#	99
24) Nitrobenzene	7.375	77	1037761	61.935	ng		99
25) Isophorone	7.610	82	2018411	59.738	ng		100
26) 2-Nitrophenol	7.687	139	431217	67.725	ng		91
27) 2,4-Dimethylphenol	7.728	122	570747	62.506	ng		99
28) bis(2-Chloroethoxy)met...	7.822	93	1168234	60.793	ng		99
29) 2,4-Dichlorophenol	7.928	162	729567	61.729	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	792012	58.296	ng		99
31) Naphthalene	8.087	128	2518793	56.892	ng		99
32) Benzoic acid	7.875	122	452391	60.426	ng		98
33) 4-Chloroaniline	8.139	127	882801	61.582	ng		97
34) Hexachlorobutadiene	8.204	225	481498	58.836	ng		99
35) Caprolactam	8.534	113	226459	64.935	ng		96
36) 4-Chloro-3-methylphenol	8.628	107	776385	60.438	ng		99
37) 2-Methylnaphthalene	8.781	142	1546341	56.914	ng		99
38) 1-Methylnaphthalene	8.875	142	1499429	56.051	ng		100
40) 1,2,4,5-Tetrachloroben...	8.945	216	752481	58.057	ng		99
41) Hexachlorocyclopentadiene	8.928	237	283080	60.408	ng		97
43) 2,4,6-Trichlorophenol	9.057	196	509013	61.420	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	545702	60.028	ng	97
46) 1,1'-Biphenyl	9.245	154	1872687	56.032	ng	99
47) 2-Chloronaphthalene	9.269	162	1537229	57.477	ng	98
48) 2-Nitroaniline	9.369	65	435392	61.509	ng	96
49) Acenaphthylene	9.686	152	2206391	56.457	ng	99
50) Dimethylphthalate	9.557	163	1805223	58.523	ng	99
51) 2,6-Dinitrotoluene	9.616	165	402119	65.184	ng	98
52) Acenaphthene	9.857	154	1348913	55.932	ng	99
53) 3-Nitroaniline	9.786	138	379728	61.712	ng	99
54) 2,4-Dinitrophenol	9.886	184	178015	61.677	ng	96
55) Dibenzofuran	10.033	168	1994273	55.808	ng	98
56) 4-Nitrophenol	9.945	139	272634	62.284	ng	97
57) 2,4-Dinitrotoluene	10.022	165	487727	62.619	ng	93
58) Fluorene	10.375	166	1507856	54.591	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	440027m	60.677	ng	
60) Diethylphthalate	10.257	149	1703679	58.753	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	765027	55.832	ng	98
62) 4-Nitroaniline	10.410	138	309418	62.907	ng	94
63) Azobenzene	10.528	77	1870144	58.589	ng	97
65) 4,6-Dinitro-2-methylph...	10.428	198	252331	61.097	ng	96
66) n-Nitrosodiphenylamine	10.492	169	1361002	59.403	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	502094	61.512	ng	93
68) Hexachlorobenzene	10.922	284	548945	59.512	ng	94
69) Atrazine	11.022	200	290224	56.493	ng	99
70) Pentachlorophenol	11.116	266	333720	66.589	ng	99
71) Phenanthrene	11.339	178	2235096	57.209	ng	99
72) Anthracene	11.392	178	2248359	57.818	ng	99
73) Carbazole	11.551	167	2032636	60.545	ng	99
74) Di-n-butylphthalate	11.886	149	2380024	67.894	ng	99
75) Fluoranthene	12.533	202	2193967	57.682	ng	98
77) Benzidine	12.663	184	110807m	87.665	ng	
78) Pyrene	12.763	202	2195153	59.758	ng	98
80) Butylbenzylphthalate	13.398	149	369120	63.860	ng	98
81) Benzo(a)anthracene	13.957	228	1691434	60.707	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	408504	61.781	ng	100
83) Chrysene	13.998	228	1712825	60.098	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	517352	62.857	ng	99
85) Di-n-octyl phthalate	14.580	149	1006843	61.807	ng	94
87) Indeno(1,2,3-cd)pyrene	16.951	276	1639400	65.483	ng	99
88) Benzo(b)fluoranthene	15.016	252	1647983	60.047	ng	98
89) Benzo(k)fluoranthene	15.051	252	1537309	58.879	ng	99
90) Benzo(a)pyrene	15.392	252	1424206	62.108	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	1334271	66.744	ng	98
92) Benzo(g,h,i)perylene	17.409	276	1369026	65.282	ng	99

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

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