Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141293.D
Acq On : 29 Jan 2025 15:17
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 29 16:29:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 16:24:35 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	136491	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	532862	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	293084	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	511320	20.000	ng	0.00
76) Chrysene-d12	13.974	240	314234	20.000	ng	0.00
86) Perylene-d12	15.457	264	289582	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	382610	43.351	ng	0.00
7) Phenol-d6	6.422	99	475876	42.305	ng	0.00
23) Nitrobenzene-d5	7.357	82	432160	42.912	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	116167	43.498	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	819371	43.127	ng	0.00
79) Terphenyl-d14	12.916	244	860956	42.159	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.481	88	81467	20.794	ng	98
3) Pyridine	3.210	79	197852	21.116	ng	99
4) n-Nitrosodimethylamine	3.152	42	112451	20.957	ng	98
6) Aniline	6.457	93	210459	22.385	ng	99
8) 2-Chlorophenol	6.581	128	203008	21.418	ng	96
9) Benzaldehyde	6.345	77	150675	23.065	ng	100
10) Phenol	6.434	94	257179	21.611	ng	98
11) bis(2-Chloroethyl)ether	6.534	93	194572	21.260	ng	98
12) 1,3-Dichlorobenzene	6.739	146	224880	21.512	ng	99
13) 1,4-Dichlorobenzene	6.816	146	226376	21.503	ng	99
14) 1,2-Dichlorobenzene	6.969	146	213616	21.714	ng	99
15) Benzyl Alcohol	6.934	79	166008	21.602	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	340590	21.420	ng	100
17) 2-Methylphenol	7.045	107	165188	21.525	ng	99
18) Hexachloroethane	7.310	117	83193	21.359	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	140874	21.058	ng	99
20) 3+4-Methylphenols	7.198	107	205070	21.734	ng	96
22) Acetophenone	7.204	105	275680	21.825	ng	100
24) Nitrobenzene	7.381	77	224061	21.451	ng	98
25) Isophorone	7.616	82	369998	21.259	ng	99
26) 2-Nitrophenol	7.698	139	106287	21.725	ng	98
27) 2,4-Dimethylphenol	7.734	122	132748m	21.233	ng	
28) bis(2-Chloroethoxy)met...	7.828	93	237369	21.403	ng	98
29) 2,4-Dichlorophenol	7.934	162	166153	21.750	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	188468	21.511	ng	99
31) Naphthalene	8.104	128	607622	21.681	ng	100
32) Benzoic acid	7.816	122	126734	22.321	ng	99
33) 4-Chloroaniline	8.151	127	208531	22.151	ng	99
34) Hexachlorobutadiene	8.222	225	111274	21.699	ng	97
35) Caprolactam	8.498	113	54280	21.968	ng	99
36) 4-Chloro-3-methylphenol	8.628	107	177981	21.708	ng	99
37) 2-Methylnaphthalene	8.792	142	386035	21.630	ng	100
38) 1-Methylnaphthalene	8.892	142	378878	21.671	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	176736	21.209	ng	99
41) Hexachlorocyclopentadiene	8.945	237	51112	20.438	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	114390	21.029	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	125725	21.245	ng		98
46) 1,1'-Biphenyl	9.257	154	483479	21.145	ng		100
47) 2-Chloronaphthalene	9.281	162	377946	21.282	ng		99
48) 2-Nitroaniline	9.375	65	119359	21.310	ng		98
49) Acenaphthylene	9.698	152	531957	21.328	ng		99
50) Dimethylphthalate	9.557	163	423377	21.542	ng		100
51) 2,6-Dinitrotoluene	9.622	165	97622	21.345	ng		96
52) Acenaphthene	9.869	154	378511	21.328	ng		99
53) 3-Nitroaniline	9.786	138	100085	22.123	ng		98
54) 2,4-Dinitrophenol	9.892	184	40003	18.557	ng	#	86
55) Dibenzofuran	10.039	168	514223	21.665	ng		100
56) 4-Nitrophenol	9.945	139	73425	22.607	ng		97
57) 2,4-Dinitrotoluene	10.022	165	129942	22.027	ng		98
58) Fluorene	10.386	166	396520	21.488	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	99841	21.354	ng		99
60) Diethylphthalate	10.257	149	413889	21.745	ng		99
61) 4-Chlorophenyl-phenyle...	10.380	204	193134	21.446	ng		99
62) 4-Nitroaniline	10.398	138	96692	22.250	ng		98
63) Azobenzene	10.539	77	407492	21.358	ng		99
65) 4,6-Dinitro-2-methylph...	10.427	198	62572	20.492	ng		97
66) n-Nitrosodiphenylamine	10.498	169	344387	20.773	ng		100
67) 4-Bromophenyl-phenylether	10.869	248	119844	20.967	ng		98
68) Hexachlorobenzene	10.933	284	126823	20.917	ng		99
69) Atrazine	11.022	200	109133	19.627	ng		99
70) Pentachlorophenol	11.127	266	74508	20.958	ng		98
71) Phenanthrene	11.351	178	584027	21.262	ng		100
72) Anthracene	11.398	178	572743	21.377	ng		100
73) Carbazole	11.557	167	522100	22.000	ng		99
74) Di-n-butylphthalate	11.892	149	636521	22.251	ng		100
75) Fluoranthene	12.539	202	611492	22.808	ng		100
77) Benzidine	12.663	184	65963	6.904	ng		99
78) Pyrene	12.769	202	629228	20.739	ng		99
80) Butylbenzylphthalate	13.392	149	232095	22.149	ng		99
81) Benzo(a)anthracene	13.968	228	456535	21.197	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	134298	19.914	ng		99
83) Chrysene	14.004	228	421849	21.122	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	300546	22.857	ng		99
85) Di-n-octyl phthalate	14.604	149	451748	21.964	ng		100
87) Indeno(1,2,3-cd)pyrene	16.909	276	387089	20.466	ng		99
88) Benzo(b)fluoranthene	15.033	252	384557	21.383	ng		99
89) Benzo(k)fluoranthene	15.062	252	368801	22.900	ng		99
90) Benzo(a)pyrene	15.392	252	327630	21.317	ng		99
91) Dibenzo(a,h)anthracene	16.927	278	318776	21.026	ng		100
92) Benzo(g,h,i)perylene	17.345	276	329876	20.684	ng		100

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

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