Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022725\
Data File : BF141796.D
Acq On : 27 Feb 2025 16:46
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 28 01:24:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 28 01:19:57 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	282585	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	1143337	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	626338	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	1041715	20.000	ng		0.00
76) Chrysene-d12	14.045	240	688606	20.000	ng		0.00
86) Perylene-d12	15.521	264	539147	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	749674	42.367	ng		0.00
7) Phenol-d6	6.498	99	976719	42.408	ng		-0.01
23) Nitrobenzene-d5	7.445	82	726034	40.590	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	235147	39.990	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1686318	43.170	ng		0.00
79) Terphenyl-d14	12.992	244	1785806	41.959	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	162630	20.255	ng		100
3) Pyridine	3.446	79	419991	21.024	ng		99
4) n-Nitrosodimethylamine	3.387	42	194836	20.270	ng		99
6) Aniline	6.551	93	510018	21.416	ng		99
8) 2-Chlorophenol	6.669	128	406583	21.241	ng		99
9) Benzaldehyde	6.440	77	289246	21.590	ng		99
10) Phenol	6.516	94	527399m	21.493	ng		
11) bis(2-Chloroethyl)ether	6.622	93	393290	20.964	ng		99
12) 1,3-Dichlorobenzene	6.828	146	435544	21.247	ng		99
13) 1,4-Dichlorobenzene	6.904	146	437770	21.195	ng		100
14) 1,2-Dichlorobenzene	7.057	146	416995	21.620	ng		99
15) Benzyl Alcohol	7.022	79	388176	21.089	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	607289	21.316	ng		99
17) 2-Methylphenol	7.128	107	329265	20.839	ng		99
18) Hexachloroethane	7.404	117	162363	21.002	ng		98
19) n-Nitroso-di-n-propyla...	7.293	70	316487	20.904	ng		99
20) 3+4-Methylphenols	7.281	107	425612	21.633	ng		98
22) Acetophenone	7.293	105	585913	21.041	ng	#	97
24) Nitrobenzene	7.463	77	395521	20.649	ng		97
25) Isophorone	7.704	82	789349	20.541	ng		99
26) 2-Nitrophenol	7.781	139	132844	18.604	ng		98
27) 2,4-Dimethylphenol	7.810	122	292966	20.740	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	513944	20.966	ng		99
29) 2,4-Dichlorophenol	8.016	162	338122	20.749	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	374188	20.955	ng		99
31) Naphthalene	8.192	128	1258082	21.409	ng		99
32) Benzoic acid	7.898	122	165613	19.487	ng		98
33) 4-Chloroaniline	8.234	127	454568	21.097	ng		100
34) Hexachlorobutadiene	8.310	225	230541	20.776	ng		98
35) Caprolactam	8.587	113	102898	20.521	ng		99
36) 4-Chloro-3-methylphenol	8.704	107	376094	20.776	ng		99
37) 2-Methylnaphthalene	8.881	142	826497	21.443	ng		99
38) 1-Methylnaphthalene	8.981	142	796808	21.545	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	377360	20.861	ng		99
41) Hexachlorocyclopentadiene	9.034	237	158105	20.943	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	238591	20.419	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	242709	20.976	ng		99
46) 1,1'-Biphenyl	9.345	154	1021081	21.418	ng		99
47) 2-Chloronaphthalene	9.369	162	752142	21.375	ng		99
48) 2-Nitroaniline	9.457	65	153869	18.870	ng		97
49) Acenaphthylene	9.786	152	1126303	21.349	ng		99
50) Dimethylphthalate	9.645	163	879870	20.977	ng		100
51) 2,6-Dinitrotoluene	9.704	165	144673	19.796	ng		98
52) Acenaphthene	9.957	154	749963	21.068	ng		99
53) 3-Nitroaniline	9.869	138	152114	19.664	ng	#	99
54) 2,4-Dinitrophenol	9.969	184	41521	19.116	ng	#	1
55) Dibenzofuran	10.128	168	1105278	21.332	ng		99
56) 4-Nitrophenol	10.010	139	123415	19.922	ng		98
57) 2,4-Dinitrotoluene	10.104	165	165949	19.214	ng		98
58) Fluorene	10.469	166	822264	21.187	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	210339	20.902	ng		99
60) Diethylphthalate	10.345	149	894118	21.264	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	409697	21.069	ng		99
62) 4-Nitroaniline	10.481	138	143482	20.031	ng		98
63) Azobenzene	10.622	77	942499	21.288	ng		99
65) 4,6-Dinitro-2-methylph...	10.510	198	65163	19.161	ng		97
66) n-Nitrosodiphenylamine	10.581	169	717531	20.977	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	248503	20.423	ng		98
68) Hexachlorobenzene	11.016	284	265367	20.653	ng		97
69) Atrazine	11.104	200	203939	21.680	ng		99
70) Pentachlorophenol	11.210	266	167231	20.521	ng		99
71) Phenanthrene	11.433	178	1181769	21.209	ng		99
72) Anthracene	11.486	178	1203701	21.554	ng		99
73) Carbazole	11.639	167	1056147	21.416	ng		99
74) Di-n-butylphthalate	11.975	149	1345098	21.518	ng		99
75) Fluoranthene	12.622	202	1242031	21.753	ng		99
77) Benzidine	12.739	184	136521	15.752	ng		99
78) Pyrene	12.851	202	1249647	20.957	ng		99
80) Butylbenzylphthalate	13.469	149	442702	20.434	ng		98
81) Benzo(a)anthracene	14.039	228	953146	20.956	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	262708	20.132	ng		100
83) Chrysene	14.074	228	850641	20.288	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	542812	20.122	ng		100
85) Di-n-octyl phthalate	14.645	149	763685	18.910	ng		100
87) Indeno(1,2,3-cd)pyrene	17.004	276	668777	19.480	ng		99
88) Benzo(b)fluoranthene	15.086	252	826369	22.501	ng		100
89) Benzo(k)fluoranthene	15.116	252	592250	18.973	ng		99
90) Benzo(a)pyrene	15.457	252	610871	20.740	ng		99
91) Dibenzo(a,h)anthracene	17.027	278	552725	19.724	ng		98
92) Benzo(g,h,i)perylene	17.451	276	557705	19.426	ng		100

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

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