Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022725\
Data File : BF141795.D
Acq On : 27 Feb 2025 16:16
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 28 01:24:15 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 :
SSTDICC010

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	289266	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	1173835	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	647904	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	1098842	20.000	ng		0.00
76) Chrysene-d12	14.045	240	800194	20.000	ng		0.00
86) Perylene-d12	15.521	264	586419	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	380350	20.998	ng		0.00
7) Phenol-d6	6.498	99	493731	20.942	ng		-0.01
23) Nitrobenzene-d5	7.445	82	318362	17.336	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	116043	19.078	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	898797	22.244	ng		0.00
79) Terphenyl-d14	12.992	244	986786	19.952	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	80189	9.757	ng		99
3) Pyridine	3.451	79	204276	9.989	ng		99
4) n-Nitrosodimethylamine	3.381	42	96264	9.784	ng	#	97
6) Aniline	6.545	93	249709	10.243	ng		99
8) 2-Chlorophenol	6.669	128	203282	10.375	ng		97
9) Benzaldehyde	6.434	77	157352	11.474	ng		99
10) Phenol	6.510	94	263599m	10.494	ng		
11) bis(2-Chloroethyl)ether	6.616	93	198994	10.362	ng		100
12) 1,3-Dichlorobenzene	6.828	146	219862	10.478	ng		98
13) 1,4-Dichlorobenzene	6.904	146	221703	10.486	ng		100
14) 1,2-Dichlorobenzene	7.057	146	208788	10.575	ng		99
15) Benzyl Alcohol	7.016	79	195649	10.384	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	302932	10.387	ng		99
17) 2-Methylphenol	7.122	107	163693	10.121	ng		98
18) Hexachloroethane	7.404	117	78340	9.899	ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	159860	10.315	ng		97
20) 3+4-Methylphenols	7.275	107	218359	10.842	ng	#	90
22) Acetophenone	7.292	105	303217	10.606	ng	#	95
24) Nitrobenzene	7.463	77	178109	9.057	ng		97
25) Isophorone	7.698	82	400228	10.145	ng		99
26) 2-Nitrophenol	7.781	139	52703	9.980	ng		99
27) 2,4-Dimethylphenol	7.810	122	146519	10.103	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	262861	10.445	ng		98
29) 2,4-Dichlorophenol	8.016	162	169218	10.114	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	188296	10.271	ng		98
31) Naphthalene	8.192	128	643621	10.668	ng		98
32) Benzoic acid	7.875	122	58209	11.729	ng		98
33) 4-Chloroaniline	8.234	127	230342	10.413	ng		99
34) Hexachlorobutadiene	8.310	225	113140	9.931	ng		99
35) Caprolactam	8.569	113	50734	9.855	ng		100
36) 4-Chloro-3-methylphenol	8.698	107	185621	9.987	ng		99
37) 2-Methylnaphthalene	8.881	142	425720	10.758	ng		100
38) 1-Methylnaphthalene	8.981	142	404087	10.642	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	194342	10.386	ng		99
41) Hexachlorocyclopentadiene	9.033	237	74446	9.533	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	119234	9.864	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	118017	9.860	ng		99
46) 1,1'-Biphenyl	9.345	154	537368	10.896	ng		98
47) 2-Chloronaphthalene	9.369	162	383444	10.535	ng		98
48) 2-Nitroaniline	9.457	65	60658	9.877	ng		96
49) Acenaphthylene	9.786	152	586066	10.739	ng		99
50) Dimethylphthalate	9.639	163	455190	10.491	ng		99
51) 2,6-Dinitrotoluene	9.698	165	59617	9.588	ng		98
52) Acenaphthene	9.957	154	389154	10.568	ng		99
53) 3-Nitroaniline	9.863	138	62569	9.606	ng	#	91
54) 2,4-Dinitrophenol	9.969	184	15803	10.881	ng	#	1
55) Dibenzofuran	10.128	168	581120	10.843	ng		97
56) 4-Nitrophenol	10.004	139	51406	8.022	ng		94
57) 2,4-Dinitrotoluene	10.098	165	64291	9.401	ng		97
58) Fluorene	10.469	166	442697	11.027	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	101729	9.772	ng		99
60) Diethylphthalate	10.339	149	457600	10.520	ng		98
61) 4-Chlorophenyl-phenyle...	10.463	204	215289	10.703	ng		98
62) 4-Nitroaniline	10.475	138	60552	8.172	ng		94
63) Azobenzene	10.622	77	486878	10.631	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	23863	11.957	ng		98
66) n-Nitrosodiphenylamine	10.580	169	374119	10.369	ng		99
67) 4-Bromophenyl-phenylether	10.951	248	130467	10.165	ng		99
68) Hexachlorobenzene	11.016	284	136626	10.081	ng		97
69) Atrazine	11.104	200	114276	11.517	ng		99
70) Pentachlorophenol	11.204	266	80231	9.334	ng		99
71) Phenanthrene	11.433	178	632699	10.764	ng		99
72) Anthracene	11.486	178	635314	10.785	ng		99
73) Carbazole	11.633	167	554900	10.667	ng		99
74) Di-n-butylphthalate	11.969	149	709254	10.756	ng		99
75) Fluoranthene	12.621	202	668370	11.098	ng		98
77) Benzidine	12.739	184	136857	13.588	ng		99
78) Pyrene	12.851	202	674877	9.740	ng		99
80) Butylbenzylphthalate	13.469	149	231474	9.194	ng		98
81) Benzo(a)anthracene	14.033	228	554778	10.496	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	152147	10.033	ng		99
83) Chrysene	14.074	228	473612	9.721	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	278482	8.884	ng		99
85) Di-n-octyl phthalate	14.645	149	368711	7.857	ng		100
87) Indeno(1,2,3-cd)pyrene	16.998	276	330014	8.838	ng		99
88) Benzo(b)fluoranthene	15.086	252	409420	10.250	ng		99
89) Benzo(k)fluoranthene	15.115	252	363518	10.707	ng		99
90) Benzo(a)pyrene	15.451	252	317564	9.913	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	272918	8.954	ng		98
92) Benzo(g,h,i)perylene	17.445	276	272428	8.724	ng		98

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

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