Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142269.D
Acq On : 01 May 2025 19:24
Operator : RC/JU
Sample : Q1901-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 02 01:08:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

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05/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	207729	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	776941	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	359640	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	495470	20.000	ng	0.00
76) Chrysene-d12	14.074	240	427878	20.000	ng	0.00
86) Perylene-d12	15.562	264	472653	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1135655	87.311	ng	0.00
7) Phenol-d6	6.528	99	1416560	90.188	ng	0.00
23) Nitrobenzene-d5	7.469	82	805120	68.080	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	297829	90.840	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1610323	63.132	ng	0.00
79) Terphenyl-d14	13.015	244	1290400	43.862	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	227396	39.145	ng	99
3) Pyridine	3.516	79	610565	40.441	ng	100
4) n-Nitrosodimethylamine	3.469	42	354637	45.391	ng	100
6) Aniline	6.569	93	670525	30.161	ng	100
8) 2-Chlorophenol	6.692	128	603690	44.916	ng	100
9) Benzaldehyde	6.457	77	303867	27.680	ng	99
10) Phenol	6.539	94	746973m	44.175	ng	
11) bis(2-Chloroethyl)ether	6.639	93	585375	44.673	ng	98
12) 1,3-Dichlorobenzene	6.851	146	664859	43.727	ng	99
13) 1,4-Dichlorobenzene	6.928	146	668597	43.645	ng	100
14) 1,2-Dichlorobenzene	7.081	146	646554	44.210	ng	100
15) Benzyl Alcohol	7.045	79	489425	43.935	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1075078	45.436	ng	99
17) 2-Methylphenol	7.151	107	477055	43.327	ng	99
18) Hexachloroethane	7.422	117	236235	47.116	ng	97
19) n-Nitroso-di-n-propyla...	7.316	70	416439	42.906	ng	98
20) 3+4-Methylphenols	7.304	107	589920	42.844	ng	92
22) Acetophenone	7.316	105	790127	43.959	ng	98
24) Nitrobenzene	7.486	77	591434	50.970	ng	100
25) Isophorone	7.728	82	1114078	44.887	ng	99
26) 2-Nitrophenol	7.804	139	273106	54.190	ng	97
27) 2,4-Dimethylphenol	7.833	122	550527	43.994	ng	100
28) bis(2-Chloroethoxy)met...	7.933	93	701365	44.807	ng	99
29) 2,4-Dichlorophenol	8.039	162	476870	45.581	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	532603	45.620	ng	100
31) Naphthalene	8.210	128	1700955	43.900	ng	100
32) Benzoic acid	7.933	122	283194	47.659	ng	98
33) 4-Chloroaniline	8.251	127	170132	10.545	ng	100
34) Hexachlorobutadiene	8.328	225	319589	46.920	ng	99
35) Caprolactam	8.622	113	132868m	42.252	ng	
36) 4-Chloro-3-methylphenol	8.728	107	452691	42.138	ng	99
37) 2-Methylnaphthalene	8.904	142	1023582	42.967	ng	100
38) 1-Methylnaphthalene	9.004	142	1068100	43.280	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	495043	48.910	ng	99
41) Hexachlorocyclopentadiene	9.057	237	577255	100.490	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	321539	51.266	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	318776	48.342	ng		99
46) 1,1'-Biphenyl	9.363	154	1334117	47.717	ng		99
47) 2-Chloronaphthalene	9.392	162	976038	46.922	ng		99
48) 2-Nitroaniline	9.480	65	259849	47.433	ng		99
49) Acenaphthylene	9.804	152	1594521	45.426	ng		100
50) Dimethylphthalate	9.663	163	1066261	46.343	ng		100
51) 2,6-Dinitrotoluene	9.722	165	215101	48.680	ng		99
52) Acenaphthene	9.980	154	982506	47.938	ng		98
53) 3-Nitroaniline	9.886	138	127102	25.292	ng		98
54) 2,4-Dinitrophenol	9.992	184	128668	82.147	ng	#	53
55) Dibenzofuran	10.151	168	1363907	44.394	ng		99
56) 4-Nitrophenol	10.039	139	331460	91.654	ng		98
57) 2,4-Dinitrotoluene	10.127	165	257086	48.111	ng		95
58) Fluorene	10.492	166	997907	42.717	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	246538	45.135	ng		99
60) Diethylphthalate	10.363	149	1031674	45.408	ng		100
61) 4-Chlorophenyl-phenyle...	10.486	204	491200	44.277	ng		97
62) 4-Nitroaniline	10.504	138	193314	40.097	ng		95
63) Azobenzene	10.645	77	1084746	48.349	ng		95
65) 4,6-Dinitro-2-methylph...	10.527	198	87116	52.188	ng		97
66) n-Nitrosodiphenylamine	10.604	169	868383	51.295	ng		100
67) 4-Bromophenyl-phenylether	10.974	248	294375	53.349	ng		99
68) Hexachlorobenzene	11.039	284	307669	49.785	ng		99
69) Atrazine	11.127	200	242733	54.396	ng		99
70) Pentachlorophenol	11.227	266	331283	101.471	ng		98
71) Phenanthrene	11.457	178	1297633	48.485	ng		99
72) Anthracene	11.504	178	1269418	46.391	ng		99
73) Carbazole	11.657	167	1127973	45.188	ng		99
74) Di-n-butylphthalate	11.992	149	1427936	56.880	ng		100
75) Fluoranthene	12.645	202	1336936	50.534	ng		99
77) Benzidine	12.763	184	486096	26.736	ng		99
78) Pyrene	12.874	202	1363266	34.539	ng		100
80) Butylbenzylphthalate	13.492	149	571179	52.545	ng		100
81) Benzo(a)anthracene	14.062	228	1336806	46.539	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	271966	32.235	ng		100
83) Chrysene	14.098	228	1219993	46.660	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	801117	53.190	ng		99
85) Di-n-octyl phthalate	14.668	149	1516655	54.420	ng		99
87) Indeno(1,2,3-cd)pyrene	17.068	276	1171487	33.838	ng		100
88) Benzo(b)fluoranthene	15.121	252	1455180	49.565	ng		100
89) Benzo(k)fluoranthene	15.156	252	1286491	47.906	ng		99
90) Benzo(a)pyrene	15.498	252	1294646	48.165	ng		100
91) Dibenzo(a,h)anthracene	17.092	278	967006	34.415	ng		98
92) Benzo(g,h,i)perylene	17.521	276	881265	31.198	ng		99

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

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