Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031325\
Data File : BF141950.D
Acq On : 13 Mar 2025 19:41
Operator : RC/JU
Sample : Q1547-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

Quant Time: Mar 14 10:39:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.880	152	175350	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	712756	20.000	ng		0.00
39) Acenaphthene-d10	9.915	164	407160	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	669022	20.000	ng		0.00
76) Chrysene-d12	14.033	240	393645	20.000	ng		0.00
86) Perylene-d12	15.503	264	392373	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1446792	137.704	ng		0.02
7) Phenol-d6	6.504	99	1710542	127.870	ng		0.00
23) Nitrobenzene-d5	7.439	82	1322549	104.422	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	875385	169.472	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	2765850	103.309	ng		0.00
79) Terphenyl-d14	12.980	244	2899941	108.916	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.916	88	183432	41.668	ng	#	83
3) Pyridine	3.604	79	417969	38.706	ng		99
4) n-Nitrosodimethylamine	3.539	42	226134	43.931	ng		98
6) Aniline	6.545	93	402743	30.519	ng		99
8) 2-Chlorophenol	6.663	128	555900	47.706	ng		99
9) Benzaldehyde	6.427	77	104110	13.916	ng		99
10) Phenol	6.522	94	582229	41.372	ng		98
11) bis(2-Chloroethyl)ether	6.616	93	492250	46.582	ng		99
12) 1,3-Dichlorobenzene	6.822	146	558551	44.399	ng		99
13) 1,4-Dichlorobenzene	6.898	146	564147	44.322	ng		99
14) 1,2-Dichlorobenzene	7.045	146	552355	46.072	ng		99
15) Benzyl Alcohol	7.016	79	522083	48.275	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	553096	43.354	ng		98
17) 2-Methylphenol	7.127	107	449053	48.468	ng		99
18) Hexachloroethane	7.392	117	212131	44.443	ng		96
19) n-Nitroso-di-n-propyla...	7.292	70	396902	46.175	ng		99
20) 3+4-Methylphenols	7.280	107	561801	47.340	ng	#	85
22) Acetophenone	7.286	105	864257	50.634	ng		97
24) Nitrobenzene	7.463	77	591196	46.954	ng		98
25) Isophorone	7.698	82	1104625	49.340	ng		100
26) 2-Nitrophenol	7.774	139	299071	48.396	ng		98
27) 2,4-Dimethylphenol	7.804	122	498454	58.579	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	650023	46.291	ng		99
29) 2,4-Dichlorophenol	8.016	162	504531	47.770	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	526553	45.239	ng		100
31) Naphthalene	8.180	128	1648227	45.017	ng		100
32) Benzoic acid	7.922	122	290856	38.886	ng		100
33) 4-Chloroaniline	8.221	127	205366	15.889	ng		99
34) Hexachlorobutadiene	8.298	225	348632	45.929	ng		99
35) Caprolactam	8.598	113	140218m	43.545	ng		
36) 4-Chloro-3-methylphenol	8.704	107	559841	47.518	ng		99
37) 2-Methylnaphthalene	8.868	142	1102939	45.068	ng		100
38) 1-Methylnaphthalene	8.968	142	1080637	45.759	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	655483	52.877	ng		99
41) Hexachlorocyclopentadiene	9.021	237	715235	147.427	ng		100
43) 2,4,6-Trichlorophenol	9.145	196	410537	50.674	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	402960	49.110	ng		99
46) 1,1'-Biphenyl	9.333	154	1623043	52.463	ng		100
47) 2-Chloronaphthalene	9.363	162	1113390	48.285	ng		99
48) 2-Nitroaniline	9.451	65	333109	49.893	ng		98
49) Acenaphthylene	9.774	152	1728687	50.520	ng		100
50) Dimethylphthalate	9.639	163	1429848	50.148	ng		100
51) 2,6-Dinitrotoluene	9.698	165	298612	50.301	ng		95
52) Acenaphthene	9.951	154	1229563	51.132	ng		99
53) 3-Nitroaniline	9.863	138	169007	28.066	ng		98
54) 2,4-Dinitrophenol	9.968	184	247213	73.843	ng	#	53
55) Dibenzofuran	10.121	168	1571208	45.728	ng		99
56) 4-Nitrophenol	10.021	139	422651	93.069	ng		99
57) 2,4-Dinitrotoluene	10.104	165	402598	51.923	ng		99
58) Fluorene	10.463	166	1261527	47.609	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	358155	47.968	ng		99
60) Diethylphthalate	10.339	149	1355671	47.684	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	670582	48.542	ng		99
62) 4-Nitroaniline	10.480	138	276737	47.204	ng		99
63) Azobenzene	10.615	77	1187884	44.941	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	180059	45.146	ng		96
66) n-Nitrosodiphenylamine	10.574	169	1102710	50.934	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	432435	51.467	ng		97
68) Hexachlorobenzene	11.010	284	487734	52.927	ng		95
69) Atrazine	11.098	200	437156	65.867	ng		99
70) Pentachlorophenol	11.204	266	546996	96.340	ng		100
71) Phenanthrene	11.427	178	1788496	49.493	ng		99
72) Anthracene	11.474	178	1824118	50.315	ng		100
73) Carbazole	11.627	167	1501614	48.027	ng		100
74) Di-n-butylphthalate	11.957	149	1981839	47.771	ng		100
75) Fluoranthene	12.609	202	1707232	44.538	ng		99
77) Benzidine	12.727	184	424648	77.320	ng		100
78) Pyrene	12.839	202	1670794	49.068	ng		100
80) Butylbenzylphthalate	13.456	149	653775	49.054	ng		98
81) Benzo(a)anthracene	14.021	228	1346905	52.143	ng		100
82) 3,3'-Dichlorobenzidine	13.986	252	262573	35.175	ng		98
83) Chrysene	14.062	228	1151991	49.199	ng		100
84) Bis(2-ethylhexyl)phtha...	14.009	149	894345	48.670	ng		100
85) Di-n-octyl phthalate	14.627	149	1343945	52.563	ng		99
87) Indeno(1,2,3-cd)pyrene	16.991	276	1280525	50.450	ng		99
88) Benzo(b)fluoranthene	15.074	252	1190786	44.281	ng		100
89) Benzo(k)fluoranthene	15.103	252	1154032	50.147	ng		99
90) Benzo(a)pyrene	15.445	252	1119459	53.202	ng		99
91) Dibenzo(a,h)anthracene	17.009	278	1060554	50.642	ng		99
92) Benzo(g,h,i)perylene	17.439	276	937412	45.296	ng		99

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

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