Quantitation Report (QT Reviewed)

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142050.D
Acq On : 24 Mar 2025 12:56
Operator : RC/JU
Sample : Q1592-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 24 13:27:44 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

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-COMPMSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/25/2025
Supervised By :Jagrut Upadhyay 03/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	136452	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	529624	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	299190	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	483350	20.000	ng		0.00
76) Chrysene-d12	14.033	240	280820	20.000	ng		0.00
86) Perylene-d12	15.510	264	323085	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1051905	128.660	ng		0.02
7) Phenol-d6	6.504	99	1200065	115.284	ng		0.00
23) Nitrobenzene-d5	7.439	82	907220	96.398	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	563001	148.329	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1849080	93.990	ng		0.00
79) Terphenyl-d14	12.980	244	1939948	102.134	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.834	88	138985	40.571	ng	#	83
3) Pyridine	3.557	79	298989	35.581	ng		98
4) n-Nitrosodimethylamine	3.475	42	155652	38.858	ng		96
6) Aniline	6.540	93	129860	12.646	ng		91
8) 2-Chlorophenol	6.663	128	387594	42.745	ng		98
9) Benzaldehyde	6.428	77	60922	10.464	ng		99
10) Phenol	6.522	94	399442	36.474	ng		99
11) bis(2-Chloroethyl)ether	6.610	93	341586	41.539	ng		99
12) 1,3-Dichlorobenzene	6.816	146	394150	40.262	ng		98
13) 1,4-Dichlorobenzene	6.892	146	400033	40.387	ng		100
14) 1,2-Dichlorobenzene	7.045	146	385425	41.313	ng		99
15) Benzyl Alcohol	7.016	79	350359	41.632	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	371670	37.438	ng		97
17) 2-Methylphenol	7.128	107	308044	42.726	ng		99
18) Hexachloroethane	7.387	117	148192	39.898	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	265807	39.739	ng		100
20) 3+4-Methylphenols	7.281	107	386066	41.806	ng	#	73
22) Acetophenone	7.287	105	590844	46.585	ng		100
24) Nitrobenzene	7.457	77	401280	42.891	ng		98
25) Isophorone	7.698	82	736783	44.289	ng		98
26) 2-Nitrophenol	7.775	139	211036	45.959	ng		97
27) 2,4-Dimethylphenol	7.804	122	340113	53.791	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	443220	42.478	ng		99
29) 2,4-Dichlorophenol	8.010	162	348635	44.423	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	368426	42.598	ng		99
31) Naphthalene	8.181	128	1133594	41.667	ng		100
32) Benzoic acid	7.916	122	196823m	35.413	ng		
33) 4-Chloroaniline	8.222	127	58769	6.119	ng		98
34) Hexachlorobutadiene	8.292	225	245953	43.606	ng		98
35) Caprolactam	8.592	113	90198	37.697	ng		92
36) 4-Chloro-3-methylphenol	8.704	107	368024	42.038	ng		99
37) 2-Methylnaphthalene	8.869	142	752873	41.401	ng		100
38) 1-Methylnaphthalene	8.969	142	736822	41.989	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	454182	49.860	ng		98
41) Hexachlorocyclopentadiene	9.022	237	456084	127.936	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	272953	45.850	ng		100

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44) 2,4,5-Trichlorophenol	9.186	196	269379	44.678	ng		99
46) 1,1'-Biphenyl	9.333	154	1110047	48.830	ng		99
47) 2-Chloronaphthalene	9.357	162	760194	44.865	ng		99
48) 2-Nitroaniline	9.451	65	215308	43.887	ng		99
49) Acenaphthylene	9.775	152	1163044	46.255	ng		99
50) Dimethylphthalate	9.633	163	922137	44.013	ng		100
51) 2,6-Dinitrotoluene	9.692	165	200597	45.984	ng		96
52) Acenaphthene	9.945	154	813557	46.041	ng		100
53) 3-Nitroaniline	9.863	138	54456	12.306	ng		94
54) 2,4-Dinitrophenol	9.969	184	137779	57.594	ng	#	48
55) Dibenzofuran	10.116	168	1078560	42.718	ng		99
56) 4-Nitrophenol	10.022	139	253637	76.007	ng		97
57) 2,4-Dinitrotoluene	10.098	165	270058	47.398	ng		99
58) Fluorene	10.463	166	854786	43.901	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	239213	43.600	ng		97
60) Diethylphthalate	10.333	149	888860	42.547	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	448629	44.195	ng		98
62) 4-Nitroaniline	10.475	138	172345	40.006	ng		98
63) Azobenzene	10.610	77	782943	40.310	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	116086	40.287	ng		98
66) n-Nitrosodiphenylamine	10.569	169	734278	46.944	ng		100
67) 4-Bromophenyl-phenylether	10.939	248	287118	47.299	ng		99
68) Hexachlorobenzene	11.010	284	328431	49.331	ng		95
69) Atrazine	11.098	200	269834	56.274	ng		98
70) Pentachlorophenol	11.204	266	327259	79.780	ng		100
71) Phenanthrene	11.422	178	1206054	46.196	ng		99
72) Anthracene	11.475	178	1203257	45.939	ng		100
73) Carbazole	11.627	167	950796	42.092	ng		100
74) Di-n-butylphthalate	11.957	149	1261275	42.081	ng		99
75) Fluoranthene	12.610	202	1121539	40.498	ng		99
77) Benzidine	12.727	184	145586	37.159	ng	#	90
78) Pyrene	12.839	202	1095162	45.085	ng		99
80) Butylbenzylphthalate	13.457	149	395545	41.603	ng		97
81) Benzo(a)anthracene	14.027	228	874296	47.445	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	43042	8.083	ng		99
83) Chrysene	14.063	228	779432	46.662	ng		100
84) Bis(2-ethylhexyl)phtha...	14.010	149	522392	39.850	ng		100
85) Di-n-octyl phthalate	14.621	149	903717	49.546	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	936139	44.792	ng		98
88) Benzo(b)fluoranthene	15.074	252	924617	41.757	ng		100
89) Benzo(k)fluoranthene	15.110	252	828896	43.743	ng		99
90) Benzo(a)pyrene	15.445	252	821941	47.440	ng		99
91) Dibenzo(a,h)anthracene	17.015	278	750990	43.551	ng		99
92) Benzo(g,h,i)perylene	17.451	276	691669	40.590	ng		97

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

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