Quantitation Report (QT Reviewed)

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142049.D
Acq On : 24 Mar 2025 12:27
Operator : RC/JU
Sample : Q1592-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 24 12:54:24 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-COMPMS

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	136574	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	525982	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	287440	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	438659	20.000	ng		0.00
76) Chrysene-d12	14.033	240	263592	20.000	ng		0.00
86) Perylene-d12	15.509	264	323612	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1017558	124.347	ng		0.02
7) Phenol-d6	6.504	99	1170761	112.368	ng		0.00
23) Nitrobenzene-d5	7.439	82	881201	94.282	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	507890	139.279	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1788766	94.641	ng		0.00
79) Terphenyl-d14	12.980	244	1649972	92.545	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.828	88	136229	39.731	ng	#	83
3) Pyridine	3.557	79	290107	34.493	ng		97
4) n-Nitrosodimethylamine	3.475	42	151047	37.675	ng		99
6) Aniline	6.539	93	121594	11.830	ng		90
8) 2-Chlorophenol	6.663	128	382452	42.140	ng		97
9) Benzaldehyde	6.428	77	57358	9.843	ng		100
10) Phenol	6.522	94	384050	35.038	ng		100
11) bis(2-Chloroethyl)ether	6.610	93	331648	40.295	ng		99
12) 1,3-Dichlorobenzene	6.816	146	386649	39.461	ng		99
13) 1,4-Dichlorobenzene	6.892	146	390725	39.412	ng		100
14) 1,2-Dichlorobenzene	7.045	146	377595	40.437	ng		98
15) Benzyl Alcohol	7.016	79	337556	40.075	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	361196	36.350	ng		97
17) 2-Methylphenol	7.128	107	296469	41.084	ng		99
18) Hexachloroethane	7.386	117	144410	38.845	ng		98
19) n-Nitroso-di-n-propyla...	7.286	70	255264	38.129	ng		100
20) 3+4-Methylphenols	7.281	107	368624	39.881	ng	#	74
22) Acetophenone	7.286	105	570519	45.294	ng		99
24) Nitrobenzene	7.457	77	390045	41.979	ng		99
25) Isophorone	7.698	82	712732	43.140	ng		99
26) 2-Nitrophenol	7.775	139	202849	44.482	ng		97
27) 2,4-Dimethylphenol	7.804	122	329146	52.417	ng		100
28) bis(2-Chloroethoxy)met...	7.904	93	424578	40.973	ng		100
29) 2,4-Dichlorophenol	8.010	162	334055	42.860	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	356590	41.515	ng		100
31) Naphthalene	8.181	128	1093003	40.453	ng		100
32) Benzoic acid	7.904	122	118128m	21.401	ng		
33) 4-Chloroaniline	8.228	127	52154	5.468	ng		98
34) Hexachlorobutadiene	8.292	225	240408	42.918	ng		99
35) Caprolactam	8.592	113	79305	33.374	ng		92
36) 4-Chloro-3-methylphenol	8.704	107	352570	40.551	ng		99
37) 2-Methylnaphthalene	8.869	142	724801	40.134	ng		100
38) 1-Methylnaphthalene	8.969	142	705595	40.488	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	437292	49.968	ng		99
41) Hexachlorocyclopentadiene	9.022	237	454352	132.660	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	259829	45.430	ng		99

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44) 2,4,5-Trichlorophenol	9.186	196	258813	44.680	ng		98
46) 1,1'-Biphenyl	9.333	154	1066329	48.824	ng		100
47) 2-Chloronaphthalene	9.357	162	728257	44.737	ng		98
48) 2-Nitroaniline	9.451	65	200526	42.545	ng		99
49) Acenaphthylene	9.775	152	1109203	45.917	ng		100
50) Dimethylphthalate	9.633	163	857813	42.616	ng		100
51) 2,6-Dinitrotoluene	9.692	165	184645	44.058	ng		95
52) Acenaphthene	9.945	154	781408	46.030	ng		99
53) 3-Nitroaniline	9.863	138	52824	12.426	ng		95
54) 2,4-Dinitrophenol	9.969	184	128608	56.145	ng	#	50
55) Dibenzofuran	10.116	168	1016623	41.910	ng		100
56) 4-Nitrophenol	10.022	139	224978	70.175	ng		96
57) 2,4-Dinitrotoluene	10.098	165	244543	44.675	ng		98
58) Fluorene	10.463	166	789495	42.205	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	216152	41.007	ng		99
60) Diethylphthalate	10.333	149	825002	41.104	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	423732	43.448	ng		98
62) 4-Nitroaniline	10.475	138	150187	36.288	ng		99
63) Azobenzene	10.610	77	722995	38.745	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	105740	40.435	ng		98
66) n-Nitrosodiphenylamine	10.569	169	678120	47.771	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	260035	47.201	ng		98
68) Hexachlorobenzene	11.010	284	305901	50.628	ng		95
69) Atrazine	11.098	200	239427	55.020	ng		98
70) Pentachlorophenol	11.204	266	291715	78.360	ng		99
71) Phenanthrene	11.422	178	1086309	45.849	ng		99
72) Anthracene	11.474	178	1098472	46.211	ng		100
73) Carbazole	11.627	167	835439	40.753	ng		99
74) Di-n-butylphthalate	11.957	149	1092231	40.154	ng		99
75) Fluoranthene	12.610	202	961462	38.255	ng		99
77) Benzidine	12.733	184	124760	33.924	ng	#	90
78) Pyrene	12.839	202	940832	41.263	ng		99
80) Butylbenzylphthalate	13.457	149	344095	38.557	ng		97
81) Benzo(a)anthracene	14.027	228	781519	45.182	ng		100
82) 3,3'-Dichlorobenzidine	13.986	252	41655	8.333	ng		99
83) Chrysene	14.063	228	711207	45.360	ng		100
84) Bis(2-ethylhexyl)phtha...	14.010	149	476237	38.703	ng		100
85) Di-n-octyl phthalate	14.621	149	891143	52.050	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	911748	43.554	ng		97
88) Benzo(b)fluoranthene	15.080	252	880648	39.706	ng		99
89) Benzo(k)fluoranthene	15.110	252	819781	43.192	ng		99
90) Benzo(a)pyrene	15.445	252	802870	46.264	ng		99
91) Dibenzo(a,h)anthracene	17.015	278	738782	42.773	ng		98
92) Benzo(g,h,i)perylene	17.451	276	677219	39.677	ng		98

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

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