Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031325\
Data File : BF141946.D
Acq On : 13 Mar 2025 17:44
Operator : RC/JU
Sample : Q1547-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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

Quant Time: Mar 13 18:01:07 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	6.875	152	171640	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	694626	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	391787	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	659104	20.000	ng	0.00
76) Chrysene-d12	14.033	240	406603	20.000	ng	0.00
86) Perylene-d12	15.504	264	396481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1145815	111.415	ng	0.01
7) Phenol-d6	6.504	99	1463083	111.736	ng	0.00
23) Nitrobenzene-d5	7.440	82	965046	78.184	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	590081	118.721	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1985122	77.057	ng	0.00
79) Terphenyl-d14	12.980	244	2029986	73.813	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.775	88	208520	48.390	ng	98
3) Pyridine	3.522	79	464185	43.915	ng	99
4) n-Nitrosodimethylamine	3.475	42	230563	45.759	ng	99
6) Aniline	6.540	93	262683	20.336	ng	99
8) 2-Chlorophenol	6.657	128	545162	47.796	ng	99
9) Benzaldehyde	6.428	77	164670	22.486	ng	99
10) Phenol	6.516	94	644729	46.803	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	471682	45.601	ng	100
12) 1,3-Dichlorobenzene	6.816	146	570686	46.344	ng	99
13) 1,4-Dichlorobenzene	6.893	146	584066	46.878	ng	100
14) 1,2-Dichlorobenzene	7.045	146	558811	47.618	ng	98
15) Benzyl Alcohol	7.016	79	493068	46.578	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	545170	43.656	ng	99
17) 2-Methylphenol	7.128	107	438907	48.397	ng	98
18) Hexachloroethane	7.387	117	217086	46.464	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	373337	44.372	ng	99
20) 3+4-Methylphenols	7.275	107	554311	47.719	ng	93
22) Acetophenone	7.287	105	824632	49.573	ng	99
24) Nitrobenzene	7.457	77	564267	45.985	ng	100
25) Isophorone	7.698	82	1028633	47.145	ng	99
26) 2-Nitrophenol	7.775	139	292348	48.543	ng	99
27) 2,4-Dimethylphenol	7.804	122	480148	57.900	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	610503	44.612	ng	99
29) 2,4-Dichlorophenol	8.010	162	473993	46.050	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	513088	45.233	ng	99
31) Naphthalene	8.181	128	1586831	44.472	ng	100
32) Benzoic acid	7.934	122	401708	55.108	ng	99
33) 4-Chloroaniline	8.222	127	81050	6.434	ng	99
34) Hexachlorobutadiene	8.298	225	338447	45.751	ng	99
35) Caprolactam	8.598	113	153520m	48.921	ng	
36) 4-Chloro-3-methylphenol	8.704	107	522430	45.500	ng	98
37) 2-Methylnaphthalene	8.869	142	1041655	43.675	ng	100
38) 1-Methylnaphthalene	8.969	142	1009701	43.871	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	619956	51.973	ng	98
41) Hexachlorocyclopentadiene	9.022	237	729682	156.307	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	372103	47.732	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.187	196	380937	48.248	ng		100
46)	1,1'-Biphenyl	9.334	154	1509712	50.715	ng		99
47)	2-Chloronaphthalene	9.357	162	1043409	47.026	ng		99
48)	2-Nitroaniline	9.451	65	303513	47.244	ng		98
49)	Acenaphthylene	9.775	152	1593580	48.399	ng		100
50)	Dimethylphthalate	9.634	163	1254596	45.728	ng		100
51)	2,6-Dinitrotoluene	9.698	165	271364	47.504	ng		94
52)	Acenaphthene	9.945	154	1206598	52.146	ng		99
53)	3-Nitroaniline	9.863	138	102923	17.762	ng		97
54)	2,4-Dinitrophenol	9.969	184	331534	100.328	ng	#	50
55)	Dibenzofuran	10.122	168	1465045	44.311	ng		99
56)	4-Nitrophenol	10.022	139	445552	101.962	ng		100
57)	2,4-Dinitrotoluene	10.098	165	370531	49.662	ng		97
58)	Fluorene	10.463	166	1160086	45.499	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.233	232	333083	46.361	ng		99
60)	Diethylphthalate	10.333	149	1228074	44.891	ng		100
61)	4-Chlorophenyl-phenyle...	10.451	204	606705	45.641	ng		99
62)	4-Nitroaniline	10.481	138	254987	45.200	ng		98
63)	Azobenzene	10.616	77	1291417	50.775	ng		93
65)	4,6-Dinitro-2-methylph...	10.504	198	209115	53.221	ng		99
66)	n-Nitrosodiphenylamine	10.575	169	1004229	47.083	ng		99
67)	4-Bromophenyl-phenylether	10.945	248	387353	46.795	ng		97
68)	Hexachlorobenzene	11.010	284	439070	48.363	ng		96
69)	Atrazine	11.098	200	398467	60.941	ng		99
70)	Pentachlorophenol	11.198	266	556521	99.492	ng		100
71)	Phenanthrene	11.422	178	1686565	47.375	ng		100
72)	Anthracene	11.475	178	1686427	47.217	ng		100
73)	Carbazole	11.628	167	1413337	45.884	ng		100
74)	Di-n-butylphthalate	11.957	149	1828098	44.728	ng		100
75)	Fluoranthene	12.610	202	1654964	43.824	ng		99
77)	Benzidine	12.727	184	413196	72.837	ng		99
78)	Pyrene	12.839	202	1631390	46.384	ng		100
80)	Butylbenzylphthalate	13.457	149	624824	45.388	ng		99
81)	Benzo(a)anthracene	14.021	228	1322113	49.552	ng		100
82)	3,3'-Dichlorobenzidine	13.986	252	197679	25.637	ng		98
83)	Chrysene	14.063	228	1118088	46.229	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.010	149	843728	44.452	ng		100
85)	Di-n-octyl phthalate	14.621	149	1292537	48.942	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.992	276	1287978	50.218	ng		98
88)	Benzo(b)fluoranthene	15.074	252	1160054	42.691	ng		100
89)	Benzo(k)fluoranthene	15.104	252	1093471	47.023	ng		99
90)	Benzo(a)pyrene	15.445	252	1060301	49.869	ng		99
91)	Dibenzo(a,h)anthracene	17.010	278	1050607	49.647	ng		100
92)	Benzo(g,h,i)perylene	17.439	276	963917	46.095	ng		98

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

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