Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
Data File : BF142192.D
Acq On : 31 Mar 2025 20:55
Operator : RC/JU
Sample : Q1664-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 01 00:47:51 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 :
P001-BBDGA-001-01MS

Manual Integrations APPROVED

Reviewed By :Anahy Claudio

Supervised By :Jagrut Upadhyay
04/01/2025

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	113072	20.000	ng		-0.01
21) Naphthalene-d8	8.151	136	432904	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	221962	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	319888	20.000	ng		-0.01
76) Chrysene-d12	14.033	240	272736	20.000	ng		0.00
86) Perylene-d12	15.509	264	359048	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	621982	91.805	ng		0.00
7) Phenol-d6	6.492	99	852015	98.772	ng		-0.01
23) Nitrobenzene-d5	7.428	82	580228	75.427	ng		-0.02
42) 2,4,6-Tribromophenol	10.692	330	206521	73.342	ng		-0.01
45) 2-Fluorobiphenyl	9.222	172	1240341	84.984	ng		-0.02
79) Terphenyl-d14	12.974	244	1063248	57.637	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	133955	47.188	ng		96
3) Pyridine	3.446	79	342004	49.116	ng		96
4) n-Nitrosodimethylamine	3.399	42	154004	46.397	ng		95
6) Aniline	6.528	93	241197	28.344	ng		99
8) 2-Chlorophenol	6.651	128	383402	51.025	ng		96
9) Benzaldehyde	6.416	77	232351	48.162	ng		98
10) Phenol	6.510	94	432480	47.657	ng		99
11) bis(2-Chloroethyl)ether	6.598	93	326536	47.920	ng		97
12) 1,3-Dichlorobenzene	6.810	146	420368	51.820	ng		97
13) 1,4-Dichlorobenzene	6.887	146	424784	51.754	ng		98
14) 1,2-Dichlorobenzene	7.034	146	399731	51.706	ng		99
15) Benzyl Alcohol	7.004	79	321401	46.088	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	354205	43.056	ng		96
17) 2-Methylphenol	7.116	107	290130	48.562	ng		98
18) Hexachloroethane	7.381	117	156925	50.985	ng		94
19) n-Nitroso-di-n-propyla...	7.275	70	238799	43.083	ng		99
20) 3+4-Methylphenols	7.269	107	364260	47.600	ng	#	85
22) Acetophenone	7.275	105	502151	48.437	ng		98
24) Nitrobenzene	7.451	77	374746	49.004	ng		97
25) Isophorone	7.686	82	668502	49.163	ng		99
26) 2-Nitrophenol	7.763	139	199543	53.165	ng		98
27) 2,4-Dimethylphenol	7.798	122	283275	54.812	ng		100
28) bis(2-Chloroethoxy)met...	7.898	93	410520	48.134	ng		98
29) 2,4-Dichlorophenol	8.004	162	318353	49.627	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	362836	51.325	ng		99
31) Naphthalene	8.169	128	1064160	47.854	ng		100
32) Benzoic acid	7.881	122	83859m	18.459	ng		
33) 4-Chloroaniline	8.216	127	83137	10.590	ng		97
34) Hexachlorobutadiene	8.286	225	247702	53.728	ng		99
35) Caprolactam	8.581	113	78778m	40.280	ng		
36) 4-Chloro-3-methylphenol	8.698	107	321978	44.995	ng		96
37) 2-Methylnaphthalene	8.863	142	647488	43.561	ng		99
38) 1-Methylnaphthalene	8.963	142	667125	46.511	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	371182	54.926	ng		98
41) Hexachlorocyclopentadiene	9.016	237	428609	162.060	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	225835	51.134	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	239897	53.631	ng		97
46) 1,1'-Biphenyl	9.328	154	883269	52.373	ng		100
47) 2-Chloronaphthalene	9.351	162	664625	52.873	ng		98
48) 2-Nitroaniline	9.445	65	181834	49.960	ng		98
49) Acenaphthylene	9.769	152	1006910	53.979	ng		100
50) Dimethylphthalate	9.628	163	781664	50.289	ng		99
51) 2,6-Dinitrotoluene	9.686	165	165650	51.185	ng		94
52) Acenaphthene	9.939	154	678378	51.749	ng		100
53) 3-Nitroaniline	9.857	138	79941	24.351	ng		96
54) 2,4-Dinitrophenol	9.963	184	122513	67.726	ng	#	47
55) Dibenzofuran	10.110	168	890021	47.515	ng		98
56) 4-Nitrophenol	10.016	139	237471	95.923	ng		96
57) 2,4-Dinitrotoluene	10.092	165	219733	51.984	ng		96
58) Fluorene	10.457	166	692262	47.924	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	189783	46.626	ng		97
60) Diethylphthalate	10.322	149	732415	47.256	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	368843	48.977	ng		97
62) 4-Nitroaniline	10.469	138	140955	44.104	ng		98
63) Azobenzene	10.604	77	660575	45.843	ng		96
65) 4,6-Dinitro-2-methylph...	10.498	198	96808	50.765	ng		98
66) n-Nitrosodiphenylamine	10.563	169	587825	56.785	ng		100
67) 4-Bromophenyl-phenylether	10.933	248	222534	55.392	ng		98
68) Hexachlorobenzene	11.004	284	245553	55.729	ng		93
69) Atrazine	11.086	200	202352	63.765	ng		100
70) Pentachlorophenol	11.198	266	248099	91.388	ng		99
71) Phenanthrene	11.416	178	899737	52.074	ng		99
72) Anthracene	11.469	178	891635	51.437	ng		99
73) Carbazole	11.621	167	746317	49.922	ng		100
74) Di-n-butylphthalate	11.951	149	950758	47.930	ng		99
75) Fluoranthene	12.604	202	838903	45.771	ng		99
77) Benzidine	12.727	184	211425	55.562	ng		100
78) Pyrene	12.833	202	845199	35.826	ng		100
80) Butylbenzylphthalate	13.451	149	348673	37.760	ng		97
81) Benzo(a)anthracene	14.021	228	952097	53.198	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	125345	24.235	ng		99
83) Chrysene	14.063	228	817415	50.386	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	508152	39.913	ng		99
85) Di-n-octyl phthalate	14.621	149	926350	52.292	ng		98
87) Indeno(1,2,3-cd)pyrene	17.004	276	1165706	50.189	ng		98
88) Benzo(b)fluoranthene	15.080	252	1013052	41.168	ng		99
89) Benzo(k)fluoranthene	15.110	252	960802	45.625	ng		99
90) Benzo(a)pyrene	15.451	252	1028264	53.404	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	954707	49.819	ng		99
92) Benzo(g,h,i)perylene	17.456	276	859836	45.404	ng		97

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

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