Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
Data File : BF142193.D
Acq On : 31 Mar 2025 21:26
Operator : RC/JU
Sample : Q1664-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 01 00:48:35 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-001-01MSD

Manual Integrations APPROVED

Reviewed By :Anahy Claudio

04/01/2025
Supervised By :Jagrut Upadhyay

04/01/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	105267	20.000	ng		-0.02
21) Naphthalene-d8	8.151	136	396019	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	205375	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	302700	20.000	ng		-0.01
76) Chrysene-d12	14.033	240	250446	20.000	ng		0.00
86) Perylene-d12	15.510	264	298419	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	578613	91.736	ng		0.00
7) Phenol-d6	6.492	99	797121	99.260	ng		-0.01
23) Nitrobenzene-d5	7.428	82	541474	76.946	ng		-0.02
42) 2,4,6-Tribromophenol	10.692	330	202514	77.727	ng		-0.01
45) 2-Fluorobiphenyl	9.222	172	1144382	84.742	ng		-0.02
79) Terphenyl-d14	12.974	244	1022832	60.381	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	123489	46.727	ng		95
3) Pyridine	3.440	79	308864	47.645	ng		96
4) n-Nitrosodimethylamine	3.399	42	143207	46.343	ng		96
6) Aniline	6.528	93	220910	27.885	ng		99
8) 2-Chlorophenol	6.651	128	350665	50.129	ng		96
9) Benzaldehyde	6.416	77	215149	47.903	ng		98
10) Phenol	6.510	94	397594	47.061	ng		99
11) bis(2-Chloroethyl)ether	6.598	93	296236	46.697	ng		98
12) 1,3-Dichlorobenzene	6.804	146	383530	50.784	ng		99
13) 1,4-Dichlorobenzene	6.887	146	390919	51.159	ng		98
14) 1,2-Dichlorobenzene	7.034	146	374295	52.005	ng		98
15) Benzyl Alcohol	7.004	79	302693	46.623	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	318345	41.566	ng		96
17) 2-Methylphenol	7.116	107	265015	47.647	ng		100
18) Hexachloroethane	7.381	117	143565	50.103	ng		93
19) n-Nitroso-di-n-propyla...	7.275	70	223454	43.304	ng		99
20) 3+4-Methylphenols	7.269	107	335398	47.079	ng	#	84
22) Acetophenone	7.275	105	469510	49.507	ng		98
24) Nitrobenzene	7.445	77	349336	49.936	ng		98
25) Isophorone	7.687	82	621672	49.977	ng		99
26) 2-Nitrophenol	7.763	139	186834	54.415	ng		97
27) 2,4-Dimethylphenol	7.798	122	263589	55.753	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	376364	48.240	ng		99
29) 2,4-Dichlorophenol	8.004	162	293235	49.969	ng		99
30) 1,2,4-Trichlorobenzene	8.087	180	337553	52.196	ng		99
31) Naphthalene	8.169	128	994918	48.907	ng		100
32) Benzoic acid	7.887	122	84303	20.285	ng		94
33) 4-Chloroaniline	8.216	127	86747	12.080	ng		96
34) Hexachlorobutadiene	8.287	225	230541	54.663	ng		99
35) Caprolactam	8.581	113	75587m	42.249	ng		
36) 4-Chloro-3-methylphenol	8.698	107	303225	46.321	ng		97
37) 2-Methylnaphthalene	8.863	142	593991	43.684	ng		99
38) 1-Methylnaphthalene	8.963	142	619825	47.238	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	346189	55.365	ng		98
41) Hexachlorocyclopentadiene	9.016	237	409356	167.282	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	214212	52.420	ng		99

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44) 2,4,5-Trichlorophenol	9.181	196	222482	53.755	ng		97
46) 1,1'-Biphenyl	9.328	154	831108	53.260	ng		99
47) 2-Chloronaphthalene	9.351	162	622391	53.512	ng		98
48) 2-Nitroaniline	9.445	65	171610	50.959	ng		97
49) Acenaphthylene	9.769	152	944017	54.694	ng		99
50) Dimethylphthalate	9.628	163	739843	51.443	ng		100
51) 2,6-Dinitrotoluene	9.686	165	158383	52.892	ng		95
52) Acenaphthene	9.939	154	647884	53.414	ng		100
53) 3-Nitroaniline	9.857	138	76196	25.085	ng		94
54) 2,4-Dinitrophenol	9.963	184	120013	71.316	ng	#	48
55) Dibenzofuran	10.110	168	849006	48.986	ng		99
56) 4-Nitrophenol	10.016	139	225415	98.407	ng		97
57) 2,4-Dinitrotoluene	10.092	165	211398	54.051	ng		97
58) Fluorene	10.457	166	660328	49.405	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	184810	49.071	ng		96
60) Diethylphthalate	10.322	149	692477	48.288	ng		100
61) 4-Chlorophenyl-phenyle...	10.445	204	349355	50.136	ng		98
62) 4-Nitroaniline	10.469	138	137161	46.383	ng		98
63) Azobenzene	10.604	77	628182	47.116	ng		97
65) 4,6-Dinitro-2-methylph...	10.498	198	95449	52.894	ng		97
66) n-Nitrosodiphenylamine	10.563	169	564861	57.665	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	214752	56.490	ng		99
68) Hexachlorobenzene	11.004	284	240513	57.685	ng		93
69) Atrazine	11.086	200	193014	64.276	ng		99
70) Pentachlorophenol	11.198	266	239961	93.409	ng		99
71) Phenanthrene	11.416	178	856076	52.360	ng		99
72) Anthracene	11.469	178	865103	52.740	ng		100
73) Carbazole	11.622	167	719558	50.866	ng		100
74) Di-n-butylphthalate	11.951	149	921648	49.101	ng		99
75) Fluoranthene	12.604	202	794327	45.800	ng		100
77) Benzidine	12.727	184	194905	55.780	ng		100
78) Pyrene	12.833	202	813070	37.531	ng		99
80) Butylbenzylphthalate	13.451	149	328166	38.702	ng		98
81) Benzo(a)anthracene	14.021	228	876517	53.334	ng		100
82) 3,3'-Dichlorobenzidine	13.986	252	117620	24.766	ng		98
83) Chrysene	14.063	228	750250	50.362	ng		100
84) Bis(2-ethylhexyl)phtha...	14.010	149	473080	40.465	ng		99
85) Di-n-octyl phthalate	14.621	149	849429	52.218	ng		97
87) Indeno(1,2,3-cd)pyrene	17.009	276	965576	50.019	ng		96
88) Benzo(b)fluoranthene	15.080	252	926845	45.317	ng		99
89) Benzo(k)fluoranthene	15.110	252	875597	50.027	ng		99
90) Benzo(a)pyrene	15.451	252	877850	54.855	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	807366	50.690	ng		98
92) Benzo(g,h,i)perylene	17.456	276	707713	44.964	ng		96

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

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