Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141622.D
Acq On : 13 Feb 2025 18:34
Operator : RC/JU
Sample : Q1353-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 14 00:36:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
346MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

02/14/2025
Supervised By :mohammad ahmed

02/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	98476	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	396174	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	211327	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	332942	20.000	ng		0.00
76) Chrysene-d12	13.951	240	197425	20.000	ng		-0.01
86) Perylene-d12	15.398	264	194984	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	685064	109.063	ng		0.00
7) Phenol-d6	6.434	99	851118	107.205	ng		0.00
23) Nitrobenzene-d5	7.351	82	565700	74.477	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	223132	105.108	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	1052924	76.762	ng		0.00
79) Terphenyl-d14	12.892	244	938410	80.243	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	111834	44.236	ng		99
3) Pyridine	3.322	79	238690	39.676	ng		97
4) n-Nitrosodimethylamine	3.281	42	167596	42.073	ng		95
6) Aniline	6.457	93	127831	17.165	ng	#	71
8) 2-Chlorophenol	6.575	128	314076	46.274	ng		100
9) Benzaldehyde	6.334	77	162629	38.548	ng		100
10) Phenol	6.445	94	368256	44.566	ng		82
11) bis(2-Chloroethyl)ether	6.522	93	300135	48.358	ng		99
12) 1,3-Dichlorobenzene	6.728	146	324212	45.246	ng		98
13) 1,4-Dichlorobenzene	6.804	146	331906	45.336	ng		99
14) 1,2-Dichlorobenzene	6.951	146	315431	46.422	ng		99
15) Benzyl Alcohol	6.934	79	250130	41.085	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	463625	43.638	ng		71
17) 2-Methylphenol	7.051	107	240277	45.238	ng		95
18) Hexachloroethane	7.292	117	123742	45.671	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	218545	46.020	ng		96
20) 3+4-Methylphenols	7.210	107	320141	47.428	ng	#	73
22) Acetophenone	7.198	105	481125	48.820	ng		93
24) Nitrobenzene	7.369	77	327428	44.207	ng		100
25) Isophorone	7.610	82	579303	47.833	ng		99
26) 2-Nitrophenol	7.687	139	170380	46.237	ng		95
27) 2,4-Dimethylphenol	7.728	122	247112	57.403	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	357004	46.003	ng		100
29) 2,4-Dichlorophenol	7.939	162	267034	45.910	ng		99
30) 1,2,4-Trichlorobenzene	8.010	180	285180	45.024	ng		99
31) Naphthalene	8.092	128	921143	44.667	ng		100
32) Benzoic acid	7.875	122	193610	43.299	ng		98
33) 4-Chloroaniline	8.163	127	50134	6.963	ng		99
34) Hexachlorobutadiene	8.204	225	175601	46.181	ng		99
35) Caprolactam	8.522	113	89591m	50.590	ng		
36) 4-Chloro-3-methylphenol	8.639	107	281580	43.704	ng		99
37) 2-Methylnaphthalene	8.781	142	581335	43.320	ng		100
38) 1-Methylnaphthalene	8.881	142	561085	43.169	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	309619	50.641	ng		99
41) Hexachlorocyclopentadiene	8.934	237	277132	136.280	ng		98
43) 2,4,6-Trichlorophenol	9.063	196	180984	45.801	ng		99

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44) 2,4,5-Trichlorophenol	9.116	196	192104	44.858	ng	99
46) 1,1'-Biphenyl	9.245	154	828189	50.549	ng	100
47) 2-Chloronaphthalene	9.269	162	559936	46.217	ng	100
48) 2-Nitroaniline	9.375	65	183579	45.151	ng	97
49) Acenaphthylene	9.686	152	851076	47.229	ng	99
50) Dimethylphthalate	9.551	163	669899	46.694	ng	99
51) 2,6-Dinitrotoluene	9.616	165	143939	45.896	ng	96
52) Acenaphthene	9.857	154	553304	45.672	ng	99
53) 3-Nitroaniline	9.781	138	76840	22.764	ng	98
54) 2,4-Dinitrophenol	9.898	184	174352	93.539	ng	93
55) Dibenzofuran	10.028	168	782310	43.994	ng	100
56) 4-Nitrophenol	9.963	139	201335	80.349	ng	96
57) 2,4-Dinitrotoluene	10.022	165	190824	45.705	ng	95
58) Fluorene	10.375	166	612305	44.534	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	155988	42.308	ng	98
60) Diethylphthalate	10.245	149	641262	45.431	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	296174	44.776	ng	99
62) 4-Nitroaniline	10.398	138	130225	37.994	ng	98
63) Azobenzene	10.522	77	667147	47.544	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	108706	47.002	ng	97
66) n-Nitrosodiphenylamine	10.486	169	529786	49.709	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	180677	48.555	ng	97
68) Hexachlorobenzene	10.922	284	186672	48.718	ng	99
69) Atrazine	11.016	200	187643	58.687	ng	99
70) Pentachlorophenol	11.122	266	202757	82.756	ng	99
71) Phenanthrene	11.333	178	959629	52.362	ng	100
72) Anthracene	11.386	178	879507	47.739	ng	100
73) Carbazole	11.545	167	714592	43.108	ng	100
74) Di-n-butylphthalate	11.869	149	936556	48.930	ng	100
75) Fluoranthene	12.522	202	919428	47.320	ng	100
77) Benzidine	12.651	184	122134	28.050	ng	99
78) Pyrene	12.751	202	877504	52.213	ng	100
80) Butylbenzylphthalate	13.369	149	313519	53.858	ng	99
81) Benzo(a)anthracene	13.939	228	657339	50.089	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	147593	39.261	ng	99
83) Chrysene	13.974	228	608834	50.244	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	421005	64.125	ng	99
85) Di-n-octyl phthalate	14.545	149	675420	72.113	ng	99
87) Indeno(1,2,3-cd)pyrene	16.839	276	552012	45.818	ng	99
88) Benzo(b)fluoranthene	14.980	252	614700	46.951	ng	100
89) Benzo(k)fluoranthene	15.010	252	577212	51.631	ng	99
90) Benzo(a)pyrene	15.339	252	562324	53.080	ng	99
91) Dibenzo(a,h)anthracene	16.851	278	439480	45.018	ng	100
92) Benzo(g,h,i)perylene	17.268	276	413262	40.453	ng	99

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

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