Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141574.D
Acq On : 11 Feb 2025 20:38
Operator : RC/JU
Sample : Q1215-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 12 00:09:04 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 :
JPP-29.1-012825MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	77684	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	297197	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	147170	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	213794	20.000	ng		0.00
76) Chrysene-d12	13.957	240	172116	20.000	ng		0.00
86) Perylene-d12	15.410	264	164980	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	469748	94.800	ng		0.00
7) Phenol-d6	6.428	99	577057	92.139	ng		-0.01
23) Nitrobenzene-d5	7.351	82	389531	68.363	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	121471	82.164	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	674000	70.557	ng		0.00
79) Terphenyl-d14	12.892	244	570645	55.971	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	98534	49.407	ng		99
3) Pyridine	3.287	79	210061	44.263	ng		99
4) n-Nitrosodimethylamine	3.240	42	138845	44.184	ng		95
6) Aniline	6.446	93	100166	17.050	ng	#	1
8) 2-Chlorophenol	6.575	128	237041	44.272	ng		99
9) Benzaldehyde	6.340	77	192251	57.766	ng		99
10) Phenol	6.446	94	285296	43.767	ng		84
11) bis(2-Chloroethyl)ether	6.522	93	232644	47.516	ng		100
12) 1,3-Dichlorobenzene	6.728	146	259144	45.845	ng		97
13) 1,4-Dichlorobenzene	6.804	146	261674	45.309	ng		99
14) 1,2-Dichlorobenzene	6.957	146	246175	45.927	ng		100
15) Benzyl Alcohol	6.934	79	204176	42.513	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	369115	44.041	ng		85
17) 2-Methylphenol	7.051	107	182572	43.573	ng		96
18) Hexachloroethane	7.298	117	94350	44.143	ng		97
19) n-Nitroso-di-n-propyla...	7.198	70	165016	44.049	ng		99
20) 3+4-Methylphenols	7.204	107	234193	43.981	ng		93
22) Acetophenone	7.198	105	364730	49.335	ng		96
24) Nitrobenzene	7.369	77	246843	44.426	ng		100
25) Isophorone	7.610	82	423704	46.636	ng		99
26) 2-Nitrophenol	7.687	139	123944	44.837	ng		95
27) 2,4-Dimethylphenol	7.728	122	178402	55.244	ng		99
28) bis(2-Chloroethoxy)met...	7.822	93	266748	45.820	ng		100
29) 2,4-Dichlorophenol	7.934	162	188183	43.129	ng		98
30) 1,2,4-Trichlorobenzene	8.010	180	208540	43.889	ng		99
31) Naphthalene	8.092	128	693134	44.804	ng		100
32) Benzoic acid	7.851	122	128987	38.454	ng		98
33) 4-Chloroaniline	8.151	127	50168	9.288	ng		98
34) Hexachlorobutadiene	8.204	225	131893	46.238	ng		99
35) Caprolactam	8.510	113	64101m	48.251	ng		
36) 4-Chloro-3-methylphenol	8.634	107	194418	40.225	ng		100
37) 2-Methylnaphthalene	8.781	142	416459	41.369	ng		99
38) 1-Methylnaphthalene	8.881	142	395909	40.605	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	219213	51.485	ng		99
41) Hexachlorocyclopentadiene	8.934	237	66767	47.146	ng		96
43) 2,4,6-Trichlorophenol	9.063	196	124222	45.141	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141574.D
Acq On : 11 Feb 2025 20:38
Operator : RC/JU
Sample : Q1215-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025

Quant Time: Feb 12 00:09:04 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	129702	43.489	ng	99
46) 1,1'-Biphenyl	9.245	154	586614	51.413	ng	100
47) 2-Chloronaphthalene	9.269	162	386355	45.792	ng	99
48) 2-Nitroaniline	9.369	65	125612	44.362	ng	99
49) Acenaphthylene	9.687	152	570401	45.452	ng	99
50) Dimethylphthalate	9.545	163	456888	45.730	ng	100
51) 2,6-Dinitrotoluene	9.610	165	95272	43.621	ng	99
52) Acenaphthene	9.857	154	376338	44.607	ng	99
53) 3-Nitroaniline	9.781	138	50219	21.363	ng	96
54) 2,4-Dinitrophenol	9.892	184	56617	43.616	ng	95
55) Dibenzofuran	10.028	168	527415	42.589	ng	99
56) 4-Nitrophenol	9.957	139	139161	79.747	ng	94
57) 2,4-Dinitrotoluene	10.016	165	126086	43.365	ng	98
58) Fluorene	10.369	166	409183	42.734	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	100561	39.164	ng	96
60) Diethylphthalate	10.245	149	423603	43.093	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	200100	43.439	ng	98
62) 4-Nitroaniline	10.392	138	77033	32.272	ng	97
63) Azobenzene	10.522	77	425393	43.531	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	39496	26.594	ng	100
66) n-Nitrosodiphenylamine	10.481	169	343871	50.246	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	116182	48.623	ng	96
68) Hexachlorobenzene	10.922	284	113784	46.245	ng	99
69) Atrazine	11.010	200	123922	60.357	ng	100
70) Pentachlorophenol	11.122	266	125770	79.942	ng	99
71) Phenanthrene	11.333	178	799767	67.959	ng	100
72) Anthracene	11.386	178	586861	49.607	ng	99
73) Carbazole	11.545	167	478486	44.951	ng	100
74) Di-n-butylphthalate	11.875	149	584882	47.586	ng	100
75) Fluoranthene	12.528	202	1039256	83.295	ng	99
77) Benzidine	12.645	184	134156	35.342	ng	99
78) Pyrene	12.757	202	1074122	73.310	ng	100
80) Butylbenzylphthalate	13.369	149	233190	45.949	ng	98
81) Benzo(a)anthracene	13.945	228	813229	71.079	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	109523	33.418	ng	99
83) Chrysene	13.980	228	705014	66.736	ng	98
84) Bis(2-ethylhexyl)phtha...	13.933	149	316795	55.348	ng	99
85) Di-n-octyl phthalate	14.551	149	546624	66.944	ng	99
87) Indeno(1,2,3-cd)pyrene	16.851	276	492273	48.291	ng	98
88) Benzo(b)fluoranthene	14.992	252	837524	75.605	ng	98
89) Benzo(k)fluoranthene	15.021	252	486157m	51.395	ng	
90) Benzo(a)pyrene	15.351	252	638187	71.197	ng	97
91) Dibenzo(a,h)anthracene	16.868	278	327735	39.677	ng	100
92) Benzo(g,h,i)perylene	17.286	276	386271	44.688	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141574.D
Acq On : 11 Feb 2025 20:38
Operator : RC/JU
Sample : Q1215-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 12 00:09:04 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 :
JPP-29.1-012825MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025