Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141414.D
Acq On : 04 Feb 2025 17:49
Operator : RC/JU
Sample : Q1239-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
286MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

Quant Time: Feb 05 00:55:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.793	152	70255	20.000	ng		-0.01
21) Naphthalene-d8	8.075	136	281307	20.000	ng		#-0.01
39) Acenaphthene-d10	9.828	164	157470	20.000	ng		-0.01
64) Phenanthrene-d10	11.316	188	281416	20.000	ng		-0.01
76) Chrysene-d12	13.963	240	237517	20.000	ng		-0.01
86) Perylene-d12	15.427	264	188623	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	642752	140.453	ng		0.01
7) Phenol-d6	6.434	99	752431	129.248	ng		0.00
23) Nitrobenzene-d5	7.357	82	569738	106.768	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	254677	176.413	ng		-0.01
45) 2-Fluorobiphenyl	9.151	172	1078535	105.421	ng		-0.01
79) Terphenyl-d14	12.910	244	1372162	89.094	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	93115	46.266	ng	#	81
3) Pyridine	3.352	79	159759	32.945	ng		95
4) n-Nitrosodimethylamine	3.269	42	143448	51.783	ng		83
6) Aniline	6.457	93	71117	14.431	ng	#	1
8) 2-Chlorophenol	6.581	128	239033	48.733	ng		97
9) Benzaldehyde	6.340	77	31393	9.310	ng		98
10) Phenol	6.446	94	254056	41.168	ng		84
11) bis(2-Chloroethyl)ether	6.528	93	241099	50.954	ng		98
12) 1,3-Dichlorobenzene	6.734	146	258617	47.819	ng		99
13) 1,4-Dichlorobenzene	6.810	146	262839	48.377	ng		99
14) 1,2-Dichlorobenzene	6.957	146	245991	48.352	ng		98
15) Benzyl Alcohol	6.940	79	210921	53.016	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.069	45	372040	45.216	ng		72
17) 2-Methylphenol	7.057	107	191107	47.939	ng	#	88
18) Hexachloroethane	7.298	117	99342	49.564	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	172973	50.004	ng		99
20) 3+4-Methylphenols	7.210	107	243234	49.693	ng		91
22) Acetophenone	7.198	105	385443	57.644	ng	#	96
24) Nitrobenzene	7.375	77	262397	47.450	ng		99
25) Isophorone	7.610	82	465244	50.437	ng		98
26) 2-Nitrophenol	7.687	139	129705	49.733	ng		93
27) 2,4-Dimethylphenol	7.734	122	205429m	61.884	ng		
28) bis(2-Chloroethoxy)met...	7.822	93	282960	48.091	ng		99
29) 2,4-Dichlorophenol	7.940	162	205277	50.512	ng		100
30) 1,2,4-Trichlorobenzene	8.016	180	221693	47.768	ng		100
31) Naphthalene	8.092	128	712731	47.961	ng		100
32) Benzoic acid	7.851	122	142509	46.700	ng		96
33) 4-Chloroaniline	8.145	127	45542	9.037	ng		99
34) Hexachlorobutadiene	8.210	225	136669	50.215	ng		100
35) Caprolactam	8.510	113	61035m	45.987	ng		
36) 4-Chloro-3-methylphenol	8.639	107	226566	51.975	ng		96
37) 2-Methylnaphthalene	8.787	142	457286	48.415	ng		99
38) 1-Methylnaphthalene	8.887	142	445710	48.039	ng		100
40) 1,2,4,5-Tetrachloroben...	8.951	216	244298	54.533	ng		99
41) Hexachlorocyclopentadiene	8.939	237	294913	222.908	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	145582	49.649	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141414.D
Acq On : 04 Feb 2025 17:49
Operator : RC/JU
Sample : Q1239-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
286MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

Quant Time: Feb 05 00:55:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	161466	50.594	ng		98
46) 1,1'-Biphenyl	9.251	154	658941	53.656	ng		98
47) 2-Chloronaphthalene	9.275	162	451982	47.218	ng		100
48) 2-Nitroaniline	9.375	65	152871	50.774	ng		99
49) Acenaphthylene	9.692	152	709494	52.950	ng		100
50) Dimethylphthalate	9.551	163	549750	51.690	ng		100
51) 2,6-Dinitrotoluene	9.616	165	120175	48.665	ng		97
52) Acenaphthene	9.863	154	545354m	56.971	ng		
53) 3-Nitroaniline	9.781	138	31977	13.212	ng		98
54) 2,4-Dinitrophenol	9.892	184	149107	129.892	ng		90
55) Dibenzofuran	10.034	168	654210	51.057	ng		97
56) 4-Nitrophenol	9.969	139	200921	113.511	ng		89
57) 2,4-Dinitrotoluene	10.022	165	171535	53.651	ng		93
58) Fluorene	10.381	166	519090	52.227	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	143641	57.211	ng		99
60) Diethylphthalate	10.257	149	538312	52.201	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	250518	51.601	ng		96
62) 4-Nitroaniline	10.398	138	114661	48.187	ng		91
63) Azobenzene	10.533	77	519193	50.298	ng		98
65) 4,6-Dinitro-2-methylph...	10.428	198	99591	59.830	ng		99
66) n-Nitrosodiphenylamine	10.492	169	432642	47.533	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	157980	50.144	ng		98
68) Hexachlorobenzene	10.928	284	167348	50.075	ng		97
69) Atrazine	11.022	200	131539	43.223	ng		99
70) Pentachlorophenol	11.128	266	227026	116.008	ng		99
71) Phenanthrene	11.339	178	788550	52.128	ng		99
72) Anthracene	11.392	178	809258	54.598	ng		100
73) Carbazole	11.551	167	695438	52.913	ng		99
74) Di-n-butylphthalate	11.880	149	777362	48.805	ng		99
75) Fluoranthene	12.533	202	858911	57.504	ng		98
77) Benzidine	12.657	184	26197	3.440	ng	#	1
78) Pyrene	12.763	202	871937	38.244	ng		100
80) Butylbenzylphthalate	13.380	149	381092	47.845	ng		98
81) Benzo(a)anthracene	13.951	228	807942	49.295	ng		99
82) 3,3'-Dichlorobenzidine	13.916	252	49132	9.425	ng		96
83) Chrysene	13.992	228	708546	47.170	ng		99
84) Bis(2-ethylhexyl)phtha...	13.945	149	509927	50.467	ng		99
85) Di-n-octyl phthalate	14.574	149	811925	51.736	ng		98
87) Indeno(1,2,3-cd)pyrene	16.868	276	621470	51.048	ng		96
88) Benzo(b)fluoranthene	15.004	252	673394	56.755	ng		98
89) Benzo(k)fluoranthene	15.033	252	569368	54.169	ng		99
90) Benzo(a)pyrene	15.363	252	553266	55.181	ng		99
91) Dibenzo(a,h)anthracene	16.892	278	499768	51.025	ng		97
92) Benzo(g,h,i)perylene	17.310	276	483975	47.522	ng	#	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141414.D
Acq On : 04 Feb 2025 17:49
Operator : RC/JU
Sample : Q1239-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 05 00:55:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
286MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025