Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
Data File : BF141539.D
Acq On : 10 Feb 2025 17:16
Operator : RC/JU
Sample : Q1299-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 02/11/2025
Supervised By :Jagrut Upadhyay 02/11/2025

Quant Time: Feb 10 17:49:01 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)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	83236	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	331135	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	185399	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	324393	20.000	ng	0.00
76) Chrysene-d12	13.957	240	222407	20.000	ng	0.00
86) Perylene-d12	15.415	264	175201	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	675217	127.177	ng	0.01
7) Phenol-d6	6.434	99	781667	116.484	ng	0.00
23) Nitrobenzene-d5	7.357	82	590861	93.069	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	260641	139.948	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1113371	92.520	ng	0.00
79) Terphenyl-d14	12.898	244	1342686	101.916	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	88148	41.251	ng	# 80
3) Pyridine	3.357	79	153119	30.112	ng	100
4) n-Nitrosodimethylamine	3.275	42	139707	41.493	ng	99
6) Aniline	6.451	93	81448	12.939	ng	# 1
8) 2-Chlorophenol	6.581	128	249644	43.516	ng	99
9) Benzaldehyde	6.340	77	39981	11.212	ng	99
10) Phenol	6.445	94	261247	37.405	ng	85
11) bis(2-Chloroethyl)ether	6.528	93	225154	42.919	ng	98
12) 1,3-Dichlorobenzene	6.728	146	256219	42.304	ng	98
13) 1,4-Dichlorobenzene	6.804	146	258107	41.710	ng	99
14) 1,2-Dichlorobenzene	6.957	146	243764	42.444	ng	99
15) Benzyl Alcohol	6.934	79	220016	42.755	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	390334	43.466	ng	80
17) 2-Methylphenol	7.051	107	192487	42.875	ng	98
18) Hexachloroethane	7.298	117	98952	43.208	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	178114	44.374	ng	99
20) 3+4-Methylphenols	7.204	107	249120	43.663	ng	94
22) Acetophenone	7.198	105	387794	47.079	ng	97
24) Nitrobenzene	7.375	77	264714	42.760	ng	98
25) Isophorone	7.610	82	478686	47.288	ng	99
26) 2-Nitrophenol	7.687	139	136726	44.392	ng	97
27) 2,4-Dimethylphenol	7.728	122	204202	56.752	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	290484	44.783	ng	99
29) 2,4-Dichlorophenol	7.934	162	214203	44.061	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	225628	42.619	ng	99
31) Naphthalene	8.092	128	725180	42.072	ng	99
32) Benzoic acid	7.863	122	154744	41.404	ng	98
33) 4-Chloroaniline	8.145	127	47429	7.881	ng	96
34) Hexachlorobutadiene	8.210	225	138555	43.595	ng	99
35) Caprolactam	8.510	113	64479m	43.561	ng	
36) 4-Chloro-3-methylphenol	8.634	107	236753	43.964	ng	99
37) 2-Methylnaphthalene	8.781	142	475982	42.436	ng	99
38) 1-Methylnaphthalene	8.881	142	461251	42.458	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	254734	47.491	ng	99
41) Hexachlorocyclopentadiene	8.934	237	268230	150.349	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	154537	44.577	ng	100

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
Data File : BF141539.D
Acq On : 10 Feb 2025 17:16
Operator : RC/JU
Sample : Q1299-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 02/11/2025
Supervised By :Jagrut Upadhyay 02/11/2025

Quant Time: Feb 10 17:49:01 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	9.116	196	165725	44.110	ng	97
46) 1,1'-Biphenyl	9.245	154	685981	47.725	ng	99
47) 2-Chloronaphthalene	9.275	162	464228	43.676	ng	99
48) 2-Nitroaniline	9.369	65	159062	44.592	ng	98
49) Acenaphthylene	9.686	152	721765	45.655	ng	99
50) Dimethylphthalate	9.551	163	578633	45.973	ng	99
51) 2,6-Dinitrotoluene	9.616	165	126139	45.845	ng	97
52) Acenaphthene	9.857	154	463102	43.572	ng	98
53) 3-Nitroaniline	9.781	138	34226	11.557	ng	98
54) 2,4-Dinitrophenol	9.898	184	169144	103.436	ng	94
55) Dibenzofuran	10.033	168	662947	42.495	ng	100
56) 4-Nitrophenol	9.963	139	185323	84.302	ng	97
57) 2,4-Dinitrotoluene	10.022	165	172530	47.103	ng	98
58) Fluorene	10.375	166	535625	44.405	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	147698	45.661	ng	96
60) Diethylphthalate	10.251	149	557008	44.980	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	260697	44.924	ng	97
62) 4-Nitroaniline	10.398	138	115753	38.494	ng	99
63) Azobenzene	10.528	77	538851	43.771	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	105780	46.942	ng	98
66) n-Nitrosodiphenylamine	10.486	169	461602	44.453	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	162068	44.702	ng	98
68) Hexachlorobenzene	10.922	284	170180	45.584	ng	98
69) Atrazine	11.016	200	161110	51.717	ng	99
70) Pentachlorophenol	11.122	266	216284	90.604	ng	99
71) Phenanthrene	11.339	178	801305	44.875	ng	100
72) Anthracene	11.386	178	822148	45.802	ng	100
73) Carbazole	11.545	167	711102	44.028	ng	100
74) Di-n-butylphthalate	11.875	149	875581	46.950	ng	100
75) Fluoranthene	12.527	202	843933	44.579	ng	99
77) Benzidine	12.651	184	40099	8.175	ng	99
78) Pyrene	12.751	202	857054	45.268	ng	100
80) Butylbenzylphthalate	13.374	149	338137	51.563	ng	98
81) Benzo(a)anthracene	13.945	228	661565	44.748	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	63314	14.950	ng	96
83) Chrysene	13.980	228	607194	44.480	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	428787	57.974	ng	99
85) Di-n-octyl phthalate	14.557	149	595243	56.414	ng	100
87) Indeno(1,2,3-cd)pyrene	16.862	276	572440	52.879	ng	100
88) Benzo(b)fluoranthene	14.998	252	498355	42.363	ng	99
89) Benzo(k)fluoranthene	15.027	252	466178	46.408	ng	98
90) Benzo(a)pyrene	15.357	252	445753	46.828	ng	99
91) Dibenzo(a,h)anthracene	16.874	278	462104	52.681	ng	99
92) Benzo(g,h,i)perylene	17.298	276	451498	49.187	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
Data File : BF141539.D
Acq On : 10 Feb 2025 17:16
Operator : RC/JU
Sample : Q1299-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 10 17:49:01 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 :
WC-1MSD

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 02/11/2025
Supervised By :Jagrut Upadhyay 02/11/2025