Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141635.D
Acq On : 14 Feb 2025 13:11
Operator : RC/JU
Sample : Q1356-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 14 13:31:20 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 :
CARBON-WATERMS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	82541	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	333730	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	183625	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	312520	20.000	ng		0.00
76) Chrysene-d12	13.957	240	204031	20.000	ng		0.00
86) Perylene-d12	15.427	264	166342	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	693518	131.723	ng		0.00
7) Phenol-d6	6.434	99	794277	119.360	ng		0.00
23) Nitrobenzene-d5	7.351	82	613617	95.901	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	263901	143.067	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	1124066	94.311	ng		0.00
79) Terphenyl-d14	12.892	244	1317587	109.018	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	92129	43.477	ng		99
3) Pyridine	3.275	79	117348	23.272	ng		95
4) n-Nitrosodimethylamine	3.216	42	133177	39.887	ng		92
6) Aniline	6.451	93	129689	20.776	ng	#	63
8) 2-Chlorophenol	6.575	128	257064	45.186	ng		100
9) Benzaldehyde	6.334	77	95249	26.935	ng		98
10) Phenol	6.446	94	264701	38.218	ng		88
11) bis(2-Chloroethyl)ether	6.522	93	238793	45.902	ng		99
12) 1,3-Dichlorobenzene	6.728	146	266852	44.431	ng		97
13) 1,4-Dichlorobenzene	6.804	146	270354	44.057	ng		99
14) 1,2-Dichlorobenzene	6.957	146	259891	45.633	ng		98
15) Benzyl Alcohol	6.934	79	207124	40.589	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	384275	43.152	ng		82
17) 2-Methylphenol	7.051	107	197937	44.460	ng		97
18) Hexachloroethane	7.298	117	99240	43.699	ng		94
19) n-Nitroso-di-n-propyla...	7.204	70	180770	45.415	ng		96
20) 3+4-Methylphenols	7.204	107	255815	45.214	ng		97
22) Acetophenone	7.198	105	400267	48.215	ng		95
24) Nitrobenzene	7.375	77	277605	44.493	ng		98
25) Isophorone	7.610	82	481954	47.241	ng		98
26) 2-Nitrophenol	7.687	139	139383	44.902	ng		94
27) 2,4-Dimethylphenol	7.728	122	207156	57.126	ng		99
28) bis(2-Chloroethoxy)met...	7.822	93	297285	45.475	ng		99
29) 2,4-Dichlorophenol	7.934	162	219784	44.857	ng		99
30) 1,2,4-Trichlorobenzene	8.010	180	233356	43.736	ng		99
31) Naphthalene	8.092	128	746429	42.968	ng		100
32) Benzoic acid	7.857	122	120000	31.858	ng		99
33) 4-Chloroaniline	8.157	127	54001	8.903	ng		98
34) Hexachlorobutadiene	8.204	225	141846	44.283	ng		100
35) Caprolactam	8.510	113	57974m	38.862	ng		
36) 4-Chloro-3-methylphenol	8.640	107	235173	43.331	ng		99
37) 2-Methylnaphthalene	8.781	142	480745	42.527	ng		99
38) 1-Methylnaphthalene	8.881	142	463938	42.374	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	259283	48.806	ng		99
41) Hexachlorocyclopentadiene	8.934	237	254667	144.126	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	150924	43.956	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141635.D
Acq On : 14 Feb 2025 13:11
Operator : RC/JU
Sample : Q1356-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 14 13:31:20 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 :
CARBON-WATERMS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	163085	43.826	ng	97
46) 1,1'-Biphenyl	9.245	154	705956	49.589	ng	99
47) 2-Chloronaphthalene	9.269	162	478181	45.423	ng	99
48) 2-Nitroaniline	9.369	65	153564	43.466	ng	99
49) Acenaphthylene	9.687	152	725425	46.329	ng	99
50) Dimethylphthalate	9.545	163	562461	45.120	ng	99
51) 2,6-Dinitrotoluene	9.610	165	124403	45.651	ng	99
52) Acenaphthene	9.857	154	453985	43.127	ng	99
53) 3-Nitroaniline	9.781	138	52650	17.951	ng	100
54) 2,4-Dinitrophenol	9.898	184	141831	87.571	ng	91
55) Dibenzofuran	10.028	168	664370	42.998	ng	100
56) 4-Nitrophenol	9.963	139	167993	77.157	ng	95
57) 2,4-Dinitrotoluene	10.016	165	170097	46.887	ng	98
58) Fluorene	10.375	166	532609	44.581	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	138555	43.249	ng	97
60) Diethylphthalate	10.245	149	536744	43.763	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	254718	44.318	ng	99
62) 4-Nitroaniline	10.398	138	120020	40.299	ng	98
63) Azobenzene	10.522	77	515646	42.291	ng	97
65) 4,6-Dinitro-2-methylph...	10.428	198	98963	45.586	ng	97
66) n-Nitrosodiphenylamine	10.486	169	459536	45.935	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	158612	45.411	ng	96
68) Hexachlorobenzene	10.922	284	170769	47.480	ng	98
69) Atrazine	11.016	200	158816	52.917	ng	99
70) Pentachlorophenol	11.122	266	184164	80.079	ng	98
71) Phenanthrene	11.333	178	794719	46.197	ng	100
72) Anthracene	11.386	178	816284	47.203	ng	100
73) Carbazole	11.545	167	710438	45.658	ng	100
74) Di-n-butylphthalate	11.869	149	832214	46.320	ng	100
75) Fluoranthene	12.522	202	826241	45.302	ng	100
77) Benzidine	12.657	184	66894	14.866	ng	98
78) Pyrene	12.751	202	831505	47.874	ng	100
80) Butylbenzylphthalate	13.369	149	305455	50.774	ng	99
81) Benzo(a)anthracene	13.945	228	629764	46.434	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	108836	28.014	ng	98
83) Chrysene	13.980	228	585065	46.719	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	353256	52.064	ng	100
85) Di-n-octyl phthalate	14.563	149	486829	50.295	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	541787	52.713	ng	99
88) Benzo(b)fluoranthene	15.004	252	517956	46.374	ng	99
89) Benzo(k)fluoranthene	15.033	252	425886	44.654	ng	99
90) Benzo(a)pyrene	15.363	252	442121	48.920	ng	98
91) Dibenzo(a,h)anthracene	16.886	278	436268	52.384	ng	99
92) Benzo(g,h,i)perylene	17.304	276	427909	49.099	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141635.D
Acq On : 14 Feb 2025 13:11
Operator : RC/JU
Sample : Q1356-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 14 13:31:20 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 :
CARBON-WATERMS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025