Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
Data File : BF138944.D
Acq On : 12 Aug 2024 20:28
Operator : RC/JU
Sample : P3506-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT4534MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

Quant Time: Aug 13 01:01:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	42827	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	179725	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	101576	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	180644	20.000	ng		0.00
76) Chrysene-d12	14.004	240	86005	20.000	ng	#	0.00
86) Perylene-d12	15.462	264	80675	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	482455	173.896	ng		0.03
7) Phenol-d6	6.498	99	631695	169.587	ng		0.01
23) Nitrobenzene-d5	7.410	82	424786	115.556	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	159725	191.967	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	782773	115.787	ng		0.00
79) Terphenyl-d14	12.945	244	774594	150.791	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.875	88	58647m	48.283	ng		
3) Pyridine	3.598	79	37456	12.730	ng	#	92
4) n-Nitrosodimethylamine	3.504	42	127329	72.658	ng		85
6) Aniline	6.516	93	61988	18.660	ng	#	1
8) 2-Chlorophenol	6.639	128	200254	68.604	ng		97
9) Benzaldehyde	6.410	77	2687	1.203	ng		89
10) Phenol	6.510	94	244006	62.216	ng		96
11) bis(2-Chloroethyl)ether	6.581	93	190743	63.201	ng		100
12) 1,3-Dichlorobenzene	6.781	146	201148	61.561	ng		97
13) 1,4-Dichlorobenzene	6.857	146	206404	62.595	ng		99
14) 1,2-Dichlorobenzene	7.010	146	195898	63.568	ng		99
15) Benzyl Alcohol	6.998	79	186300	69.393	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	315446	60.734	ng	#	50
17) 2-Methylphenol	7.110	107	159697	66.255	ng	#	84
18) Hexachloroethane	7.345	117	77897	62.758	ng		96
19) n-Nitroso-di-n-propyla...	7.263	70	160795	71.472	ng		100
20) 3+4-Methylphenols	7.263	107	212736	68.790	ng	#	90
22) Acetophenone	7.257	105	274146	62.298	ng		98
24) Nitrobenzene	7.428	77	233168	62.334	ng		99
25) Isophorone	7.669	82	410977	65.474	ng		99
26) 2-Nitrophenol	7.745	139	106820	66.376	ng		95
27) 2,4-Dimethylphenol	7.786	122	137534	71.428	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	240610	62.946	ng		99
29) 2,4-Dichlorophenol	7.992	162	169851	68.647	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	179926	63.014	ng		98
31) Naphthalene	8.145	128	595328	62.930	ng		99
32) Benzoic acid	7.951	122	90171	59.574	ng		89
33) 4-Chloroaniline	8.216	127	45479	14.322	ng		95
34) Hexachlorobutadiene	8.251	225	108148	62.532	ng		99
35) Caprolactam	8.598	113	39372m	53.329	ng		
36) 4-Chloro-3-methylphenol	8.698	107	195324	69.075	ng		99
37) 2-Methylnaphthalene	8.833	142	390997	65.443	ng		98
38) 1-Methylnaphthalene	8.933	142	360099	61.507	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	166896	59.148	ng		98
41) Hexachlorocyclopentadiene	8.980	237	119988	153.635	ng		100
43) 2,4,6-Trichlorophenol	9.122	196	114975	66.830	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
Data File : BF138944.D
Acq On : 12 Aug 2024 20:28
Operator : RC/JU
Sample : P3506-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 13 01:01:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RT4534MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	120687	64.169	ng		97
46) 1,1'-Biphenyl	9.298	154	467836	58.808	ng		99
47) 2-Chloronaphthalene	9.328	162	368351	62.257	ng		98
48) 2-Nitroaniline	9.433	65	130720	65.171	ng		98
49) Acenaphthylene	9.739	152	583209	69.500	ng		99
50) Dimethylphthalate	9.604	163	460220	70.859	ng		99
51) 2,6-Dinitrotoluene	9.675	165	97938	66.816	ng		92
52) Acenaphthene	9.910	154	361501	64.086	ng		98
53) 3-Nitroaniline	9.845	138	24486	16.159	ng		100
54) 2,4-Dinitrophenol	9.963	184	105672	156.610	ng		85
55) Dibenzofuran	10.086	168	529211	66.461	ng		98
56) 4-Nitrophenol	10.033	139	94800	104.037	ng		91
57) 2,4-Dinitrotoluene	10.080	165	134033	71.672	ng	#	81
58) Fluorene	10.427	166	433054	68.294	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	108321	75.334	ng		96
60) Diethylphthalate	10.304	149	451497	73.315	ng		100
61) 4-Chlorophenyl-phenyle...	10.416	204	211784	67.909	ng		96
62) 4-Nitroaniline	10.463	138	79330m	55.090	ng		
63) Azobenzene	10.575	77	470454	68.879	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	77382	70.214	ng		93
66) n-Nitrosodiphenylamine	10.539	169	348760	61.765	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	126111	64.480	ng		97
68) Hexachlorobenzene	10.974	284	126323	62.555	ng		100
69) Atrazine	11.063	200	75797	52.029	ng		96
70) Pentachlorophenol	11.180	266	118604	130.302	ng		97
71) Phenanthrene	11.392	178	607396	65.299	ng		100
72) Anthracene	11.445	178	630704	68.828	ng		100
73) Carbazole	11.598	167	491473	62.166	ng		99
74) Di-n-butylphthalate	11.916	149	685308	77.110	ng		99
75) Fluoranthene	12.574	202	575776	66.305	ng		99
77) Benzidine	12.710	184	8263m	4.017	ng		
78) Pyrene	12.804	202	557987	68.907	ng		99
80) Butylbenzylphthalate	13.416	149	201661	77.769	ng		98
81) Benzo(a)anthracene	13.992	228	388163	65.541	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	25499	16.824	ng		97
83) Chrysene	14.027	228	362729	67.886	ng		100
84) Bis(2-ethylhexyl)phtha...	13.968	149	255836	67.376	ng		99
85) Di-n-octyl phthalate	14.574	149	400200	56.965	ng		100
87) Indeno(1,2,3-cd)pyrene	16.951	276	355204	61.439	ng		96
88) Benzo(b)fluoranthene	15.039	252	349565	69.898	ng		98
89) Benzo(k)fluoranthene	15.068	252	289368	66.829	ng		99
90) Benzo(a)pyrene	15.404	252	293218	69.704	ng		99
91) Dibenzo(a,h)anthracene	16.956	278	288073	60.700	ng		97
92) Benzo(g,h,i)perylene	17.392	276	269053	54.633	ng		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
Data File : BF138944.D
Acq On : 12 Aug 2024 20:28
Operator : RC/JU
Sample : P3506-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 13 01:01:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RT4534MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024