Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
Data File : BF138907.D
Acq On : 10 Aug 2024 13:47
Operator : RC/JU
Sample : P3464-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 12 01:13:34 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 :
TOPSOILMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	33698	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	136116	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	74378	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	121648	20.000	ng		0.00
76) Chrysene-d12	14.004	240	62393	20.000	ng	#	0.00
86) Perylene-d12	15.463	264	73011	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	124829	57.182	ng		0.00
7) Phenol-d6	6.481	99	104096	35.517	ng		0.00
23) Nitrobenzene-d5	7.410	82	273765	98.333	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	94578	155.235	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	507527	102.525	ng		0.00
79) Terphenyl-d14	12.939	244	404599	108.571	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	16570	17.338	ng	#	94
3) Pyridine	3.387	79	37851	16.349	ng		96
4) n-Nitrosodimethylamine	3.328	42	35478	25.729	ng		83
6) Aniline	6.504	93	94416	36.122	ng		98
8) 2-Chlorophenol	6.634	128	102054	44.434	ng		96
9) Benzaldehyde	6.398	77	6947	3.954	ng		96
10) Phenol	6.498	94	50674	16.421	ng	#	26
11) bis(2-Chloroethyl)ether	6.575	93	121333	51.094	ng		100
12) 1,3-Dichlorobenzene	6.781	146	110657	43.041	ng		99
13) 1,4-Dichlorobenzene	6.857	146	114242	44.031	ng		99
14) 1,2-Dichlorobenzene	7.010	146	111652	46.046	ng		100
15) Benzyl Alcohol	6.987	79	82394	39.004	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	208501	51.018	ng		73
17) 2-Methylphenol	7.104	107	68892	36.325	ng	#	79
18) Hexachloroethane	7.345	117	42414	43.428	ng		98
19) n-Nitroso-di-n-propyla...	7.257	70	106241	60.016	ng		99
20) 3+4-Methylphenols	7.257	107	83399	34.273	ng	#	84
22) Acetophenone	7.251	105	189221	56.776	ng		95
24) Nitrobenzene	7.428	77	154687	54.602	ng		99
25) Isophorone	7.663	82	284629	59.873	ng		97
26) 2-Nitrophenol	7.739	139	67886	55.697	ng		93
27) 2,4-Dimethylphenol	7.781	122	82841	56.807	ng		97
28) bis(2-Chloroethoxy)met...	7.869	93	161543	55.801	ng		99
29) 2,4-Dichlorophenol	7.987	162	102560	54.731	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	110308	51.009	ng		98
31) Naphthalene	8.145	128	374831	52.316	ng		100
32) Benzoic acid	7.904	122	10206	8.903	ng		96
33) 4-Chloroaniline	8.198	127	114925	47.785	ng		99
34) Hexachlorobutadiene	8.251	225	60566	46.240	ng		99
35) Caprolactam	8.581	113	5489	9.817	ng		92
36) 4-Chloro-3-methylphenol	8.681	107	115661	54.007	ng		97
37) 2-Methylnaphthalene	8.834	142	260916	57.662	ng		100
38) 1-Methylnaphthalene	8.934	142	240131	54.157	ng		96
40) 1,2,4,5-Tetrachloroben...	8.998	216	111960	54.188	ng		99
41) Hexachlorocyclopentadiene	8.981	237	59070	105.575	ng		100
43) 2,4,6-Trichlorophenol	9.116	196	73013	57.959	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
Data File : BF138907.D
Acq On : 10 Aug 2024 13:47
Operator : RC/JU
Sample : P3464-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 12 01:13:34 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 :
TOPSOILMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.169	196	76621	55.637	ng		97
46)	1,1'-Biphenyl	9.298	154	323540	55.542	ng		99
47)	2-Chloronaphthalene	9.322	162	251476	58.046	ng		99
48)	2-Nitroaniline	9.428	65	97994	66.721	ng		96
49)	Acenaphthylene	9.739	152	401425	65.330	ng		99
50)	Dimethylphthalate	9.604	163	323735	68.071	ng		99
51)	2,6-Dinitrotoluene	9.669	165	68375	63.705	ng		89
52)	Acenaphthene	9.910	154	249912	60.504	ng		99
53)	3-Nitroaniline	9.839	138	55252	49.797	ng		96
54)	2,4-Dinitrophenol	9.957	184	56140	113.626	ng		84
55)	Dibenzofuran	10.081	168	369796	63.423	ng		97
56)	4-Nitrophenol	10.022	139	15177	22.746	ng	#	80
57)	2,4-Dinitrotoluene	10.075	165	93498	68.279	ng	#	86
58)	Fluorene	10.428	166	302940	65.245	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.204	232	61723	58.624	ng		95
60)	Diethylphthalate	10.298	149	306035	67.867	ng		100
61)	4-Chlorophenyl-phenyle...	10.416	204	147323	64.514	ng		97
62)	4-Nitroaniline	10.457	138	61581	58.403	ng		89
63)	Azobenzene	10.575	77	319520	63.887	ng		97
65)	4,6-Dinitro-2-methylph...	10.486	198	46604	62.795	ng		92
66)	n-Nitrosodiphenylamine	10.539	169	254969	67.054	ng		99
67)	4-Bromophenyl-phenylether	10.904	248	85736	65.096	ng		99
68)	Hexachlorobenzene	10.975	284	88485	65.068	ng		97
69)	Atrazine	11.063	200	67829	69.140	ng		99
70)	Pentachlorophenol	11.175	266	65477	106.821	ng		98
71)	Phenanthrene	11.386	178	413060	65.943	ng		100
72)	Anthracene	11.439	178	414782	67.217	ng		99
73)	Carbazole	11.598	167	328867	61.772	ng		99
74)	Di-n-butylphthalate	11.916	149	408943	68.329	ng		99
75)	Fluoranthene	12.574	202	342213	58.521	ng		98
77)	Benzidine	12.698	184	32434	21.734	ng		99
78)	Pyrene	12.804	202	334380	56.921	ng		100
80)	Butylbenzylphthalate	13.410	149	125046	66.472	ng		99
81)	Benzo(a)anthracene	13.992	228	278332	64.781	ng		99
82)	3,3'-Dichlorobenzidine	13.951	252	76462	69.543	ng		99
83)	Chrysene	14.027	228	247754	63.915	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.963	149	183232	66.517	ng		97
85)	Di-n-octyl phthalate	14.574	149	325621	63.890	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.945	276	314070	60.026	ng		96
88)	Benzo(b)fluoranthene	15.039	252	278087	61.443	ng		98
89)	Benzo(k)fluoranthene	15.068	252	277495m	70.814	ng		
90)	Benzo(a)pyrene	15.404	252	266225	69.931	ng		98
91)	Dibenzo(a,h)anthracene	16.957	278	252751	58.848	ng		98
92)	Benzo(g,h,i)perylene	17.386	276	228743	51.323	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
Data File : BF138907.D
Acq On : 10 Aug 2024 13:47
Operator : RC/JU
Sample : P3464-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 12 01:13:34 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 :
TOPSOILMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024