Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
Data File : BF132829.D
Acq On : 17 Mar 2023 18:27
Operator : CG\JU
Sample : 01908-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HILLBOR-DRUMS-0314

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

Quant Time: Mar 17 23:28:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 03:35:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	205027	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	794225	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	425630	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	801537	20.000	ng		0.00
76) Chrysene-d12	14.157	240	522976	20.000	ng	#	0.00
86) Perylene-d12	15.674	264	441314	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.616	112	1461557	120.288	ng		0.03
7) Phenol-d6	6.604	99	1684571	106.814	ng		0.00
23) Nitrobenzene-d5	7.528	82	1320563	85.089	ng		0.00
42) 2,4,6-Tribromophenol	10.804	330	576036	127.312	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	2063284	79.631	ng		0.00
79) Terphenyl-d14	13.086	244	2507950	86.593	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.069	88	274049m	40.018	ng		
3) Pyridine	3.775	79	632472	37.530	ng		99
4) n-Nitrosodimethylamine	3.704	42	297680	47.580	ng		99
6) Aniline	6.634	93	397882	21.963	ng		92
8) 2-Chlorophenol	6.757	128	644542	49.711	ng		97
9) Benzaldehyde	6.516	77	240984	37.132	ng		96
10) Phenol	6.616	94	735275	41.040	ng		99
11) bis(2-Chloroethyl)ether	6.692	93	763427	46.075	ng		98
12) 1,3-Dichlorobenzene	6.904	146	688961	49.029	ng		99
13) 1,4-Dichlorobenzene	6.975	146	669620	47.744	ng		99
14) 1,2-Dichlorobenzene	7.128	146	631884	49.376	ng		100
15) Benzyl Alcohol	7.110	79	579060	63.482	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	723334	44.867	ng		73
17) 2-Methylphenol	7.222	107	517697	43.937	ng	#	90
18) Hexachloroethane	7.469	117	269319	50.179	ng		98
19) n-Nitroso-di-n-propyla...	7.375	70	450124	50.023	ng		99
20) 3+4-Methylphenols	7.375	107	661382	46.618	ng	#	81
22) Acetophenone	7.369	105	898141	47.362	ng	#	97
24) Nitrobenzene	7.551	77	769271	45.848	ng		99
25) Isophorone	7.787	82	1407060	46.119	ng		99
26) 2-Nitrophenol	7.863	139	381978	48.874	ng		98
27) 2,4-Dimethylphenol	7.898	122	558824	46.151	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	839250	45.798	ng		100
29) 2,4-Dichlorophenol	8.110	162	626819	50.000	ng		99
30) 1,2,4-Trichlorobenzene	8.186	180	639238	47.674	ng		99
31) Naphthalene	8.269	128	1800792	45.196	ng		99
32) Benzoic acid	8.051	122	428280	55.227	ng		96
33) 4-Chloroaniline	8.339	127	139561m	8.034	ng		
34) Hexachlorobutadiene	8.375	225	396786	46.641	ng		100
35) Caprolactam	8.704	113	183128m	47.647	ng		
36) 4-Chloro-3-methylphenol	8.816	107	625414	49.052	ng		98
37) 2-Methylnaphthalene	8.957	142	1189473	44.516	ng		98
38) 1-Methylnaphthalene	9.057	142	1154072	45.873	ng		97
40) 1,2,4,5-Tetrachloroben...	9.128	216	644602	46.166	ng		99
41) Hexachlorocyclopentadiene	9.110	237	696191	102.000	ng		100
43) 2,4,6-Trichlorophenol	9.245	196	423286	46.559	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
Data File : BF132829.D
Acq On : 17 Mar 2023 18:27
Operator : CG\JU
Sample : 01908-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 17 23:28:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 03:35:59 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
HILLBOR-DRUMS-0314

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.292	196	462609	43.705	ng		98
46)	1,1'-Biphenyl	9.422	154	1461868	46.296	ng		99
47)	2-Chloronaphthalene	9.451	162	1191071	47.638	ng		99
48)	2-Nitroaniline	9.557	65	401967	48.954	ng		94
49)	Acenaphthylene	9.869	152	1716123	44.664	ng		99
50)	Dimethylphthalate	9.728	163	1491244	48.867	ng		99
51)	2,6-Dinitrotoluene	9.792	165	328978	48.754	ng		90
52)	Acenaphthene	10.039	154	1045095	45.187	ng		100
53)	3-Nitroaniline	9.963	138	198446	26.309	ng		96
54)	2,4-Dinitrophenol	10.080	184	354107	91.246	ng		97
55)	Dibenzofuran	10.216	168	1557927	43.820	ng		99
56)	4-Nitrophenol	10.139	139	422330	93.912	ng		94
57)	2,4-Dinitrotoluene	10.204	165	403875	46.856	ng		98
58)	Fluorene	10.557	166	1252286	44.295	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.333	232	393907	51.349	ng		99
60)	Diethylphthalate	10.422	149	1353564	46.805	ng		98
61)	4-Chlorophenyl-phenyle...	10.545	204	667121	44.953	ng		99
62)	4-Nitroaniline	10.592	138	328111	49.747	ng		99
63)	Azobenzene	10.704	77	1349087	45.629	ng		99
65)	4,6-Dinitro-2-methylph...	10.616	198	233711	47.574	ng		99
66)	n-Nitrosodiphenylamine	10.669	169	1072641	43.301	ng		99
67)	4-Bromophenyl-phenylether	11.033	248	399203	43.079	ng		99
68)	Hexachlorobenzene	11.110	284	462847	47.164	ng	#	92
69)	Atrazine	11.192	200	376444	52.770	ng		98
70)	Pentachlorophenol	11.310	266	435747	104.653	ng		100
71)	Phenanthrene	11.527	178	1802229	44.670	ng		100
72)	Anthracene	11.580	178	1800138	43.556	ng		100
73)	Carbazole	11.733	167	1642058	44.251	ng		100
74)	Di-n-butylphthalate	12.045	149	1964997	44.448	ng		100
75)	Fluoranthene	12.721	202	1913904	43.591	ng		98
77)	Benzidine	12.839	184	360624	110.725	ng		98
78)	Pyrene	12.951	202	2014614	46.350	ng		100
80)	Butylbenzylphthalate	13.551	149	842966	47.407	ng		99
81)	Benzo(a)anthracene	14.145	228	1721393	45.474	ng		99
82)	3,3'-Dichlorobenzidine	14.098	252	299270	30.456	ng		99
83)	Chrysene	14.180	228	1631731	45.616	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.110	149	1106138	49.470	ng	#	98
85)	Di-n-octyl phthalate	14.727	149	1866316	53.281	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.256	276	1223048	44.211	ng		97
88)	Benzo(b)fluoranthene	15.227	252	1416057	49.191	ng		99
89)	Benzo(k)fluoranthene	15.257	252	1379032	49.021	ng		100
90)	Benzo(a)pyrene	15.615	252	1187346	44.244	ng		100
91)	Dibenzo(a,h)anthracene	17.268	278	999422	44.269	ng		98
92)	Benzo(g,h,i)perylene	17.739	276	1084470	45.973	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
Data File : BF132829.D
Acq On : 17 Mar 2023 18:27
Operator : CG\JU
Sample : 01908-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 17 23:28:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 03:35:59 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
HILLBOR-DRUMS-0314

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023