Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
Data File : BF133077.D
Acq On : 26 Apr 2023 21:34
Operator : CG\JU
Sample : 02427-14MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

Quant Time: Apr 27 02:02:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 27 01:56:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.734	152	168189	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	689387	20.000	ng		0.00
39) Acenaphthene-d10	9.774	164	362729	20.000	ng		0.00
64) Phenanthrene-d10	11.257	188	659347	20.000	ng		0.00
76) Chrysene-d12	13.892	240	375146	20.000	ng		0.00
86) Perylene-d12	15.304	264	373515	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1200331	107.809	ng		0.01
7) Phenol-d6	6.381	99	1479299	107.045	ng		0.00
23) Nitrobenzene-d5	7.304	82	856137	67.033	ng		0.00
42) 2,4,6-Tribromophenol	10.563	330	403500	110.611	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1389173	64.072	ng		0.00
79) Terphenyl-d14	12.839	244	1517258	69.753	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.463	88	233446	45.204	ng		98
3) Pyridine	3.157	79	591661	43.136	ng		97
4) n-Nitrosodimethylamine	3.116	42	309712	43.593	ng		92
6) Aniline	6.398	93	696396	39.126	ng	#	90
8) 2-Chlorophenol	6.522	128	575643	50.922	ng		95
9) Benzaldehyde	6.281	77	339941	66.444	ng		99
10) Phenol	6.392	94	699835	45.905	ng		77
11) bis(2-Chloroethyl)ether	6.475	93	547324	47.842	ng		96
12) 1,3-Dichlorobenzene	6.675	146	610502	50.796	ng		99
13) 1,4-Dichlorobenzene	6.751	146	610472	50.681	ng		99
14) 1,2-Dichlorobenzene	6.904	146	591347	53.250	ng		97
15) Benzyl Alcohol	6.881	79	466669	48.887	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	890770	44.829	ng		98
17) 2-Methylphenol	6.998	107	465417	44.962	ng		99
18) Hexachloroethane	7.251	117	211389	50.477	ng		99
19) n-Nitroso-di-n-propyla...	7.157	70	380223	44.195	ng		96
20) 3+4-Methylphenols	7.151	107	566135	46.441	ng		100
22) Acetophenone	7.145	105	758334	47.487	ng	#	98
24) Nitrobenzene	7.322	77	587965	45.430	ng		99
25) Isophorone	7.563	82	1086597	44.809	ng		99
26) 2-Nitrophenol	7.639	139	325942	52.215	ng		91
27) 2,4-Dimethylphenol	7.681	122	518154	48.408	ng		100
28) bis(2-Chloroethoxy)met...	7.775	93	652683	45.497	ng		99
29) 2,4-Dichlorophenol	7.881	162	479822	49.241	ng		100
30) 1,2,4-Trichlorobenzene	7.963	180	494635	48.998	ng		99
31) Naphthalene	8.045	128	1607211	46.630	ng		100
32) Benzoic acid	7.804	122	359739	54.409	ng		96
33) 4-Chloroaniline	8.092	127	384331	27.598	ng		100
34) Hexachlorobutadiene	8.163	225	266149	47.568	ng		99
35) Caprolactam	8.469	113	175041m	53.473	ng		
36) 4-Chloro-3-methylphenol	8.580	107	520438	49.528	ng		96
37) 2-Methylnaphthalene	8.733	142	1065785	45.229	ng		98
38) 1-Methylnaphthalene	8.833	142	1011170	45.870	ng		100
40) 1,2,4,5-Tetrachloroben...	8.904	216	444488	45.576	ng		100
41) Hexachlorocyclopentadiene	8.892	237	470599	82.738	ng		99
43) 2,4,6-Trichlorophenol	9.010	196	325643	48.281	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
Data File : BF133077.D
Acq On : 26 Apr 2023 21:34
Operator : CG\JU
Sample : 02427-14MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

Quant Time: Apr 27 02:02:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 27 01:56:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	340040	43.592	ng		99
46) 1,1'-Biphenyl	9.198	154	1300836	45.226	ng		99
47) 2-Chloronaphthalene	9.222	162	996089	47.315	ng		99
48) 2-Nitroaniline	9.316	65	321649	46.229	ng		97
49) Acenaphthylene	9.633	152	1552591	46.155	ng		99
50) Dimethylphthalate	9.504	163	1174610	46.441	ng		99
51) 2,6-Dinitrotoluene	9.557	165	280610	49.293	ng		97
52) Acenaphthene	9.810	154	1124472m	49.911	ng		
53) 3-Nitroaniline	9.727	138	255472	37.743	ng		99
54) 2,4-Dinitrophenol	9.833	184	309489	108.160	ng		98
55) Dibenzofuran	9.980	168	1399548	45.540	ng		98
56) 4-Nitrophenol	9.898	139	512384	97.737	ng		97
57) 2,4-Dinitrotoluene	9.963	165	373101	51.393	ng		93
58) Fluorene	10.322	166	1033826	45.916	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.098	232	296369	49.008	ng		97
60) Diethylphthalate	10.204	149	1112815	46.580	ng		98
61) 4-Chlorophenyl-phenyle...	10.316	204	498090	45.395	ng		99
62) 4-Nitroaniline	10.345	138	315429	50.703	ng		98
63) Azobenzene	10.474	77	1149325	45.414	ng		99
65) 4,6-Dinitro-2-methylph...	10.369	198	214393	53.646	ng		81
66) n-Nitrosodiphenylamine	10.433	169	959932	44.883	ng		99
67) 4-Bromophenyl-phenylether	10.804	248	323357	45.218	ng		98
68) Hexachlorobenzene	10.869	284	358635	48.943	ng		97
69) Atrazine	10.963	200	334140	54.220	ng		98
70) Pentachlorophenol	11.063	266	417862	80.071	ng		99
71) Phenanthrene	11.280	178	1628137	45.943	ng		99
72) Anthracene	11.333	178	1637540	45.153	ng		99
73) Carbazole	11.486	167	1527477	47.301	ng		99
74) Di-n-butylphthalate	11.821	149	1791741	49.029	ng		100
75) Fluoranthene	12.463	202	1659984	46.673	ng		100
77) Benzidine	12.586	184	515263	81.222	ng	#	94
78) Pyrene	12.692	202	1704069	52.989	ng		99
80) Butylbenzylphthalate	13.315	149	706200	62.021	ng		95
81) Benzo(a)anthracene	13.880	228	1216862	47.170	ng		99
82) 3,3'-Dichlorobenzidine	13.845	252	363264	50.973	ng		99
83) Chrysene	13.915	228	1181902	45.826	ng		99
84) Bis(2-ethylhexyl)phtha...	13.880	149	801624	56.088	ng		99
85) Di-n-octyl phthalate	14.492	149	1296075	55.615	ng		96
87) Indeno(1,2,3-cd)pyrene	16.686	276	1338284	62.989	ng		100
88) Benzo(b)fluoranthene	14.904	252	1106237	46.554	ng		99
89) Benzo(k)fluoranthene	14.933	252	1032945	43.851	ng		99
90) Benzo(a)pyrene	15.251	252	967464	44.730	ng		100
91) Dibenzo(a,h)anthracene	16.709	278	1108754	62.569	ng		96
92) Benzo(g,h,i)perylene	17.103	276	1087215	62.146	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
Data File : BF133077.D
Acq On : 26 Apr 2023 21:34
Operator : CG\JU
Sample : 02427-14MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 27 02:02:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 27 01:56:03 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023