Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
Data File : BF136296.D
Acq On : 29 Nov 2023 21:54
Operator : CG\JU
Sample : 05540-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 29 23:50:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 03:04:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	135820	20.000	ng		0.00
21) Naphthalene-d8	8.087	136	543981	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	231319	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	338116	20.000	ng		0.00
76) Chrysene-d12	13.986	240	257779	20.000	ng		0.00
86) Perylene-d12	15.468	264	262168	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	856663	87.789	ng		0.00
7) Phenol-d6	6.445	99	1041571	85.365	ng		0.00
23) Nitrobenzene-d5	7.369	82	638589	62.034	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	229415	81.121	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	1164516	64.303	ng		0.00
79) Terphenyl-d14	12.927	244	910598	40.747	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	126013	34.129	ng		97
3) Pyridine	3.393	79	307557	33.744	ng		98
4) n-Nitrosodimethylamine	3.357	42	177928	38.619	ng		91
6) Aniline	6.469	93	381244	33.058	ng		98
8) 2-Chlorophenol	6.593	128	449082	42.266	ng		94
9) Benzaldehyde	6.357	77	43262	6.362	ng		96
10) Phenol	6.457	94	538550	41.142	ng		97
11) bis(2-Chloroethyl)ether	6.545	93	406208	42.301	ng		98
12) 1,3-Dichlorobenzene	6.745	146	477363	39.589	ng		97
13) 1,4-Dichlorobenzene	6.822	146	494339	40.328	ng		99
14) 1,2-Dichlorobenzene	6.975	146	463647	39.954	ng		98
15) Benzyl Alcohol	6.951	79	359187	41.987	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	547942	41.079	ng		99
17) 2-Methylphenol	7.063	107	347351	41.583	ng		100
18) Hexachloroethane	7.316	117	167674	38.998	ng		92
19) n-Nitroso-di-n-propyla...	7.222	70	303426	41.580	ng		96
20) 3+4-Methylphenols	7.216	107	433153	39.899	ng		98
22) Acetophenone	7.216	105	625506	43.782	ng	#	96
24) Nitrobenzene	7.387	77	427256	40.956	ng		96
25) Isophorone	7.628	82	805116	43.374	ng		97
26) 2-Nitrophenol	7.698	139	220607	49.632	ng		98
27) 2,4-Dimethylphenol	7.739	122	318889	54.508	ng		97
28) bis(2-Chloroethoxy)met...	7.839	93	494765	44.066	ng		98
29) 2,4-Dichlorophenol	7.939	162	346047	43.853	ng		96
30) 1,2,4-Trichlorobenzene	8.028	180	406715	42.098	ng		98
31) Naphthalene	8.104	128	1302691	42.605	ng		98
32) Benzoic acid	7.863	122	238894	44.805	ng		95
33) 4-Chloroaniline	8.151	127	124479	11.977	ng		98
34) Hexachlorobutadiene	8.222	225	232287	41.097	ng		99
35) Caprolactam	8.534	113	95459m	43.273	ng		
36) 4-Chloro-3-methylphenol	8.639	107	343605	40.148	ng		97
37) 2-Methylnaphthalene	8.798	142	775774	40.447	ng		100
38) 1-Methylnaphthalene	8.898	142	743892	39.758	ng		96
40) 1,2,4,5-Tetrachloroben...	8.963	216	373808	50.777	ng		99
41) Hexachlorocyclopentadiene	8.951	237	303824	107.257	ng		98
43) 2,4,6-Trichlorophenol	9.075	196	231066	48.358	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
Data File : BF136296.D
Acq On : 29 Nov 2023 21:54
Operator : CG\JU
Sample : 05540-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 29 23:50:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 03:04:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	236509	45.356	ng		99
46) 1,1'-Biphenyl	9.263	154	997633	48.906	ng		99
47) 2-Chloronaphthalene	9.286	162	735980	46.459	ng		97
48) 2-Nitroaniline	9.386	65	193021	46.669	ng		89
49) Acenaphthylene	9.704	152	1114774	49.311	ng		99
50) Dimethylphthalate	9.569	163	820962	46.956	ng		99
51) 2,6-Dinitrotoluene	9.628	165	165419	46.313	ng		98
52) Acenaphthene	9.875	154	633072	44.313	ng		99
53) 3-Nitroaniline	9.798	138	107045	30.204	ng		92
54) 2,4-Dinitrophenol	9.904	184	135860	81.785	ng		96
55) Dibenzofuran	10.051	168	949131	44.647	ng		97
56) 4-Nitrophenol	9.963	139	215851	80.192	ng		88
57) 2,4-Dinitrotoluene	10.033	165	197692	41.436	ng		97
58) Fluorene	10.392	166	702020	42.100	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	173515	41.822	ng		99
60) Diethylphthalate	10.269	149	754916	43.165	ng		99
61) 4-Chlorophenyl-phenyle...	10.386	204	341428	42.162	ng		97
62) 4-Nitroaniline	10.410	138	127836	36.850	ng		95
63) Azobenzene	10.545	77	652071	40.217	ng		98
65) 4,6-Dinitro-2-methylph...	10.439	198	88181	47.692	ng		90
66) n-Nitrosodiphenylamine	10.504	169	586299	54.110	ng		99
67) 4-Bromophenyl-phenylether	10.875	248	198204	50.246	ng		97
68) Hexachlorobenzene	10.939	284	213384	46.739	ng		96
69) Atrazine	11.039	200	176060	54.774	ng		96
70) Pentachlorophenol	11.133	266	231025	89.522	ng		97
71) Phenanthrene	11.357	178	991754	52.188	ng		98
72) Anthracene	11.410	178	931555	48.882	ng		99
73) Carbazole	11.563	167	740828	45.707	ng		99
74) Di-n-butylphthalate	11.904	149	1010520	49.828	ng		99
75) Fluoranthene	12.551	202	1017559	52.745	ng		98
77) Benzidine	12.674	184	257519	60.772	ng		99
78) Pyrene	12.780	202	1039073	36.806	ng		99
80) Butylbenzylphthalate	13.410	149	386456	43.984	ng		99
81) Benzo(a)anthracene	13.974	228	928697	48.504	ng		99
82) 3,3'-Dichlorobenzidine	13.945	252	234785	50.941	ng	#	98
83) Chrysene	14.016	228	897859	48.567	ng		100
84) Bis(2-ethylhexyl)phtha...	13.974	149	557059	52.829	ng	#	99
85) Di-n-octyl phthalate	14.592	149	1087992	61.860	ng		98
87) Indeno(1,2,3-cd)pyrene	16.974	276	610299	32.084	ng		99
88) Benzo(b)fluoranthene	15.033	252	951437	51.727	ng		99
89) Benzo(k)fluoranthene	15.068	252	785507	44.965	ng		99
90) Benzo(a)pyrene	15.404	252	719381	47.844	ng		99
91) Dibenzo(a,h)anthracene	16.992	278	495728	32.450	ng		99
92) Benzo(g,h,i)perylene	17.427	276	462426	30.040	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
Data File : BF136296.D
Acq On : 29 Nov 2023 21:54
Operator : CG\JU
Sample : 05540-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 29 23:50:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 03:04:20 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023