Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
Data File : BF135269.D
Acq On : 14 Sep 2023 23:18
Operator : CG\JU
Sample : 04283-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 15 01:39:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.763	152	121947	20.000	ng		0.00
21) Naphthalene-d8	8.045	136	471079	20.000	ng		0.00
39) Acenaphthene-d10	9.804	164	216845	20.000	ng		0.00
64) Phenanthrene-d10	11.292	188	350700	20.000	ng		0.00
76) Chrysene-d12	13.951	240	197046	20.000	ng		0.00
86) Perylene-d12	15.415	264	212499	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	707565	94.370	ng		0.02
7) Phenol-d6	6.416	99	932981	97.860	ng		0.01
23) Nitrobenzene-d5	7.333	82	579989	66.890	ng		0.00
42) 2,4,6-Tribromophenol	10.598	330	172033	79.833	ng		0.00
45) 2-Fluorobiphenyl	9.122	172	1007880	70.124	ng		0.00
79) Terphenyl-d14	12.886	244	767271	60.362	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	147148	44.769	ng		99
3) Pyridine	3.328	79	349207	39.475	ng		97
4) n-Nitrosodimethylamine	3.298	42	231479	49.311	ng		95
6) Aniline	6.434	93	422998	33.834	ng	#	76
8) 2-Chlorophenol	6.551	128	408175	50.997	ng		99
9) Benzaldehyde	6.316	77	151404	27.877	ng		98
10) Phenol	6.428	94	471019	45.055	ng		80
11) bis(2-Chloroethyl)ether	6.504	93	387255	49.383	ng		99
12) 1,3-Dichlorobenzene	6.704	146	411834	50.629	ng		99
13) 1,4-Dichlorobenzene	6.781	146	413143	49.922	ng		99
14) 1,2-Dichlorobenzene	6.934	146	392079	51.016	ng		98
15) Benzyl Alcohol	6.916	79	350146	51.181	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.039	45	714481	48.337	ng		88
17) 2-Methylphenol	7.028	107	316092	44.752	ng		96
18) Hexachloroethane	7.269	117	153022	50.042	ng		92
19) n-Nitroso-di-n-propyla...	7.186	70	267096	45.230	ng		98
20) 3+4-Methylphenols	7.181	107	367201	43.235	ng		97
22) Acetophenone	7.175	105	527039	48.935	ng	#	97
24) Nitrobenzene	7.351	77	421679	49.203	ng		100
25) Isophorone	7.592	82	773776	48.598	ng		99
26) 2-Nitrophenol	7.663	139	197212	47.946	ng		98
27) 2,4-Dimethylphenol	7.710	122	320980	46.426	ng		98
28) bis(2-Chloroethoxy)met...	7.798	93	470803	49.404	ng		100
29) 2,4-Dichlorophenol	7.910	162	307091	47.934	ng		97
30) 1,2,4-Trichlorobenzene	7.986	180	340541	50.856	ng		97
31) Naphthalene	8.069	128	1117809	48.838	ng		99
32) Benzoic acid	7.828	122	143722m	27.606	ng		
33) 4-Chloroaniline	8.122	127	329028	32.765	ng		99
34) Hexachlorobutadiene	8.180	225	204622	50.678	ng		99
35) Caprolactam	8.504	113	92516m	43.028	ng		
36) 4-Chloro-3-methylphenol	8.610	107	322934	45.354	ng		99
37) 2-Methylnaphthalene	8.757	142	689852	44.838	ng		98
38) 1-Methylnaphthalene	8.857	142	659654	45.795	ng		99
40) 1,2,4,5-Tetrachloroben...	8.922	216	333433	53.076	ng		99
41) Hexachlorocyclopentadiene	8.904	237	120369	46.855	ng		98
43) 2,4,6-Trichlorophenol	9.039	196	198206	48.188	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
Data File : BF135269.D
Acq On : 14 Sep 2023 23:18
Operator : CG\JU
Sample : 04283-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 15 01:39:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	201271	42.491	ng		94
46) 1,1'-Biphenyl	9.227	154	851445	51.094	ng		99
47) 2-Chloronaphthalene	9.251	162	635835	52.588	ng		98
48) 2-Nitroaniline	9.351	65	241315	51.374	ng		97
49) Acenaphthylene	9.663	152	1006627	50.096	ng		99
50) Dimethylphthalate	9.533	163	757570	51.673	ng		100
51) 2,6-Dinitrotoluene	9.598	165	163222	50.821	ng		91
52) Acenaphthene	9.839	154	585582	49.331	ng		98
53) 3-Nitroaniline	9.769	138	161078	42.726	ng		95
54) 2,4-Dinitrophenol	9.874	184	20752	16.740	ng	#	88
55) Dibenzofuran	10.010	168	862539	47.617	ng		99
56) 4-Nitrophenol	9.939	139	172823	72.128	ng		95
57) 2,4-Dinitrotoluene	10.004	165	184540	45.896	ng		90
58) Fluorene	10.357	166	650477	46.711	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	147537	40.490	ng		99
60) Diethylphthalate	10.233	149	731171	49.694	ng		99
61) 4-Chlorophenyl-phenyle...	10.345	204	316190	47.268	ng		98
62) 4-Nitroaniline	10.386	138	154338	42.589	ng		95
63) Azobenzene	10.510	77	680329	47.245	ng		99
65) 4,6-Dinitro-2-methylph...	10.416	198	24302	13.047	ng		84
66) n-Nitrosodiphenylamine	10.469	169	603145	56.808	ng		100
67) 4-Bromophenyl-phenylether	10.839	248	193407	55.450	ng		97
68) Hexachlorobenzene	10.904	284	200214	56.344	ng		97
69) Atrazine	11.004	200	172661	60.438	ng		98
70) Pentachlorophenol	11.098	266	116843	54.959	ng		96
71) Phenanthrene	11.321	178	843988	50.884	ng		100
72) Anthracene	11.369	178	851778	49.960	ng		99
73) Carbazole	11.533	167	746929	48.126	ng		98
74) Di-n-butylphthalate	11.863	149	994062	54.355	ng		99
75) Fluoranthene	12.515	202	787505	45.565	ng		98
77) Benzidine	12.639	184	188279	46.640	ng		99
78) Pyrene	12.745	202	787639	41.984	ng		99
80) Butylbenzylphthalate	13.368	149	312730	47.346	ng		95
81) Benzo(a)anthracene	13.939	228	645376	50.722	ng		100
82) 3,3'-Dichlorobenzidine	13.904	252	207754	52.274	ng		99
83) Chrysene	13.980	228	626877	49.554	ng		99
84) Bis(2-ethylhexyl)phtha...	13.933	149	398060	58.728	ng		99
85) Di-n-octyl phthalate	14.551	149	730282	67.797	ng		100
87) Indeno(1,2,3-cd)pyrene	16.903	276	526179	37.765	ng		98
88) Benzo(b)fluoranthene	14.992	252	616992	53.636	ng		98
89) Benzo(k)fluoranthene	15.021	252	598167	52.640	ng		98
90) Benzo(a)pyrene	15.357	252	522802	47.658	ng		98
91) Dibenzo(a,h)anthracene	16.915	278	439918	38.589	ng		97
92) Benzo(g,h,i)perylene	17.345	276	406078	34.107	ng		100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
Data File : BF135269.D
Acq On : 14 Sep 2023 23:18
Operator : CG\JU
Sample : 04283-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 15 01:39:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023