Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
Data File : BF125293.D
Acq On : 31 Aug 2021 17:38
Operator : JU/CG
Sample : M3550-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED
mohammad
9/1/2021 4:02:07 PM

Quant Time: Sep 01 03:12:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	174390	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	698930	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	392004	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	754050	20.000	ng	0.00
76) Chrysene-d12	14.086	240	480733	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	446286	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	1183141	102.689	ng	0.02
7) Phenol-d6	6.551	99	1403078	94.160	ng	0.01
23) Nitrobenzene-d5	7.481	82	1081550	77.904	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	577826	147.666	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1946943	69.222	ng	0.00
79) Terphenyl-d14	13.027	244	2564076	84.970	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.875	88	196781	34.612	ng	# 100
3) Pyridine	3.599	79	316551	21.092	ng	# 90
4) n-Nitrosodimethylamine	3.540	42	275499	36.683	ng	# 33
6) Aniline	6.581	93	225366	12.876	ng	# 90
8) 2-Chlorophenol	6.704	128	474441	40.366	ng	81
9) Benzaldehyde	6.469	77	267435	25.574	ng	93
10) Phenol	6.563	94	551867	35.365	ng	96
11) bis(2-Chloroethyl)ether	6.651	93	514496	41.864	ng	86
12) 1,3-Dichlorobenzene	6.857	146	509764	37.428	ng	98
13) 1,4-Dichlorobenzene	6.934	146	513495	37.837	ng	98
14) 1,2-Dichlorobenzene	7.087	146	494572	38.736	ng	99
15) Benzyl Alcohol	7.057	79	483068	42.105	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.187	45	940475	38.158	ng	94
17) 2-Methylphenol	7.169	107	405052	41.025	ng	95
18) Hexachloroethane	7.428	117	182178	38.335	ng	# 83
19) n-Nitroso-di-n-propyla...	7.328	70	366469	40.888	ng	# 77
20) 3+4-Methylphenols	7.322	107	462312	37.302	ng	# 65
22) Acetophenone	7.328	105	689425	38.327	ng	# 92
24) Nitrobenzene	7.498	77	576231	38.092	ng	# 87
25) Isophorone	7.739	82	1025015	38.272	ng	# 90
26) 2-Nitrophenol	7.816	139	266944	44.193	ng	# 83
27) 2,4-Dimethylphenol	7.851	122	417806	39.510	ng	89
28) bis(2-Chloroethoxy)met...	7.945	93	633003	42.687	ng	# 97
29) 2,4-Dichlorophenol	8.057	162	435481	40.380	ng	96
30) 1,2,4-Trichlorobenzene	8.139	180	439328	37.357	ng	94
31) Naphthalene	8.222	128	1304797	36.452	ng	99
32) Benzoic acid	7.969	122	233262	32.500	ng	# 84
33) 4-Chloroaniline	8.269	127	108578	7.694	ng	# 90
34) Hexachlorobutadiene	8.334	225	277416	36.995	ng	99
35) Caprolactam	8.645	113	117089m	41.917	ng	
36) 4-Chloro-3-methylphenol	8.751	107	482814	43.854	ng	94
37) 2-Methylnaphthalene	8.910	142	944639	39.937	ng	100
38) 1-Methylnaphthalene	9.010	142	871928	39.475	ng	95
40) 1,2,4,5-Tetrachloroben...	9.075	216	478415	37.354	ng	97
41) Hexachlorocyclopentadiene	9.063	237	476249	70.777	ng	98
43) 2,4,6-Trichlorophenol	9.186	196	345561	38.319	ng	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
Data File : BF125293.D
Acq On : 31 Aug 2021 17:38
Operator : JU/CG
Sample : M3550-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED
mohammad
9/1/2021 4:02:07 PM

Quant Time: Sep 01 03:12:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	376144	39.646	ng		96
46) 1,1'-Biphenyl	9.375	154	1111711	35.177	ng		98
47) 2-Chloronaphthalene	9.398	162	925099	36.021	ng		98
48) 2-Nitroaniline	9.498	65	356506	44.781	ng	#	83
49) Acenaphthylene	9.816	152	1426717	38.123	ng		98
50) Dimethylphthalate	9.675	163	1176168	43.296	ng	#	97
51) 2,6-Dinitrotoluene	9.739	165	255692	43.408	ng		89
52) Acenaphthene	9.986	154	845678	36.451	ng		98
53) 3-Nitroaniline	9.910	138	138069	21.735	ng	#	81
54) 2,4-Dinitrophenol	10.016	184	285394	122.658	ng	#	85
55) Dibenzofuran	10.163	168	1257183	37.653	ng		97
56) 4-Nitrophenol	10.075	139	389436	77.417	ng	#	75
57) 2,4-Dinitrotoluene	10.145	165	353010	49.516	ng	#	93
58) Fluorene	10.504	166	1006713	40.783	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.280	232	307385	43.658	ng	#	84
60) Diethylphthalate	10.375	149	1145540	43.255	ng		98
61) 4-Chlorophenyl-phenyle...	10.492	204	517733	41.483	ng	#	86
62) 4-Nitroaniline	10.528	138	263855	46.191	ng	#	83
63) Azobenzene	10.651	77	1151510	38.764	ng		91
65) 4,6-Dinitro-2-methylph...	10.551	198	186538	46.741	ng		89
66) n-Nitrosodiphenylamine	10.616	169	995529	36.872	ng		97
67) 4-Bromophenyl-phenylether	10.980	248	360910	39.858	ng		96
68) Hexachlorobenzene	11.051	284	385928	41.431	ng	#	84
69) Atrazine	11.139	200	352921	45.552	ng		91
70) Pentachlorophenol	11.245	266	423527	77.869	ng		91
71) Phenanthrene	11.469	178	1566448	37.702	ng		96
72) Anthracene	11.522	178	1594847	38.944	ng		97
73) Carbazole	11.674	167	1447386	38.676	ng		100
74) Di-n-butylphthalate	11.998	149	1902644	42.843	ng		100
75) Fluoranthene	12.657	202	1698430	41.198	ng		97
77) Benzidine	12.774	184	94716	5.641	ng		97
78) Pyrene	12.886	202	1709711	41.460	ng		95
80) Butylbenzylphthalate	13.498	149	761693	47.008	ng		90
81) Benzo(a)anthracene	14.074	228	1343840	38.797	ng		100
82) 3,3'-Dichlorobenzidine	14.033	252	254744	23.726	ng		99
83) Chrysene	14.116	228	1302884	38.035	ng		98
84) Bis(2-ethylhexyl)phtha...	14.051	149	1105896	49.657	ng		100
85) Di-n-octyl phthalate	14.668	149	1580498	42.670	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.104	276	1468244	45.667	ng	#	89
88) Benzo(b)fluoranthene	15.139	252	1302635	39.952	ng	#	94
89) Benzo(k)fluoranthene	15.174	252	1146293m	37.676	ng		
90) Benzo(a)pyrene	15.521	252	1190796	41.346	ng	#	95
91) Dibenzo(a,h)anthracene	17.127	278	1227804	44.179	ng	#	94
92) Benzo(g,h,i)perylene	17.568	276	1240290	46.285	ng	#	88

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
Data File : BF125293.D
Acq On : 31 Aug 2021 17:38
Operator : JU/CG
Sample : M3550-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 01 03:12:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED
mohammad
9/1/2021 4:02:07 PM