Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
Data File : BF125108.D
Acq On : 19 Aug 2021 11:39
Operator : JU/CG
Sample : PB138535BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138535BSD

Manual Integrations APPROVED
mohammad
8/20/2021 2:23:49 PM

Quant Time: Aug 19 12:28:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 17:03:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	166448	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	639335	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	322933	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	553473	20.000	ng	0.00
76) Chrysene-d12	14.086	240	350030	20.000	ng	0.00
86) Perylene-d12	15.580	264	319369	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	882418	80.243	ng	0.00
7) Phenol-d6	6.540	99	1066908	75.016	ng	0.00
23) Nitrobenzene-d5	7.487	82	1065689	83.917	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	275821	85.563	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1747058	75.400	ng	0.00
79) Terphenyl-d14	13.033	244	1871806	85.191	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.804	88	186586	34.385	ng	# 100
3) Pyridine	3.551	79	444448	31.026	ng	90
4) n-Nitrosodimethylamine	3.516	42	297169	41.457	ng	# 46
6) Aniline	6.581	93	700495	41.930	ng	# 93
8) 2-Chlorophenol	6.704	128	464989	41.449	ng	81
9) Benzaldehyde	6.469	77	346595	34.725	ng	90
10) Phenol	6.551	94	590748	39.663	ng	95
11) bis(2-Chloroethyl)ether	6.657	93	495932	42.279	ng	89
12) 1,3-Dichlorobenzene	6.863	146	516970	39.768	ng	96
13) 1,4-Dichlorobenzene	6.939	146	527024	40.687	ng	98
14) 1,2-Dichlorobenzene	7.092	146	482750	39.614	ng	98
15) Benzyl Alcohol	7.057	79	452858	41.355	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.192	45	1008194	42.858	ng	99
17) 2-Methylphenol	7.163	107	394495	41.862	ng	96
18) Hexachloroethane	7.434	117	191090	42.129	ng	# 90
19) n-Nitroso-di-n-propyla...	7.334	70	351301	41.066	ng	# 82
20) 3+4-Methylphenols	7.316	107	465171	39.324	ng	93
22) Acetophenone	7.328	105	662138	40.242	ng	94
24) Nitrobenzene	7.504	77	549199	39.689	ng	89
25) Isophorone	7.739	82	974036	39.759	ng	# 88
26) 2-Nitrophenol	7.816	139	241827	43.766	ng	# 77
27) 2,4-Dimethylphenol	7.851	122	426164	44.057	ng	91
28) bis(2-Chloroethoxy)met...	7.951	93	582628	42.952	ng	# 96
29) 2,4-Dichlorophenol	8.057	162	396485	40.191	ng	97
30) 1,2,4-Trichlorobenzene	8.145	180	434835	40.422	ng	96
31) Naphthalene	8.228	128	1274932	38.938	ng	99
32) Benzoic acid	7.963	122	290945	44.315	ng	87
33) 4-Chloroaniline	8.269	127	440798	34.149	ng	# 90
34) Hexachlorobutadiene	8.339	225	270715	39.467	ng	99
35) Caprolactam	8.639	113	122215m	47.830	ng	
36) 4-Chloro-3-methylphenol	8.745	107	416551	41.362	ng	90
37) 2-Methylnaphthalene	8.916	142	868180	40.126	ng	98
38) 1-Methylnaphthalene	9.016	142	801801	39.684	ng	95
40) 1,2,4,5-Tetrachloroben...	9.081	216	402268	38.127	ng	99
41) Hexachlorocyclopentadiene	9.069	237	512121	92.387	ng	99
43) 2,4,6-Trichlorophenol	9.192	196	294656	39.663	ng	96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
Data File : BF125108.D
Acq On : 19 Aug 2021 11:39
Operator : JU/CG
Sample : PB138535BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138535BSD

Manual Integrations APPROVED
mohammad
8/20/2021 2:23:49 PM

Quant Time: Aug 19 12:28:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 17:03:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	311525	39.858	ng		93
46) 1,1'-Biphenyl	9.381	154	975644	37.474	ng		97
47) 2-Chloronaphthalene	9.404	162	824570	38.974	ng		99
48) 2-Nitroaniline	9.498	65	295172	45.007	ng	#	81
49) Acenaphthylene	9.822	152	1225963	39.765	ng		98
50) Dimethylphthalate	9.680	163	936047	41.827	ng	#	97
51) 2,6-Dinitrotoluene	9.739	165	205331	42.314	ng	#	81
52) Acenaphthene	9.998	154	810774	42.422	ng		99
53) 3-Nitroaniline	9.910	138	182913	34.954	ng	#	76
54) 2,4-Dinitrophenol	10.016	184	184771	96.397	ng	#	78
55) Dibenzofuran	10.169	168	1055577	38.377	ng		97
56) 4-Nitrophenol	10.063	139	344448	83.119	ng	#	77
57) 2,4-Dinitrotoluene	10.145	165	267442	45.537	ng	#	96
58) Fluorene	10.510	166	783673	38.538	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.280	232	237368	40.924	ng	#	88
60) Diethylphthalate	10.380	149	922696	42.293	ng		99
61) 4-Chlorophenyl-phenyle...	10.498	204	405494	39.439	ng		90
62) 4-Nitroaniline	10.528	138	209960	44.618	ng	#	82
63) Azobenzene	10.663	77	964954	39.432	ng		92
65) 4,6-Dinitro-2-methylph...	10.551	198	119583	40.823	ng		83
66) n-Nitrosodiphenylamine	10.622	169	784414	39.581	ng		95
67) 4-Bromophenyl-phenylether	10.992	248	271929	40.915	ng		92
68) Hexachlorobenzene	11.057	284	279465	40.874	ng	#	85
69) Atrazine	11.145	200	256157	45.044	ng		92
70) Pentachlorophenol	11.245	266	321502	80.532	ng		92
71) Phenanthrene	11.474	178	1197389	39.263	ng		97
72) Anthracene	11.522	178	1229486	40.902	ng		98
73) Carbazole	11.674	167	1061055	38.628	ng		99
74) Di-n-butylphthalate	12.004	149	1371562	42.077	ng		100
75) Fluoranthene	12.663	202	1220120	40.321	ng		97
77) Benzidine	12.780	184	786538	64.340	ng		97
78) Pyrene	12.892	202	1232557	41.050	ng		95
80) Butylbenzylphthalate	13.504	149	526135	44.595	ng		89
81) Benzo(a)anthracene	14.074	228	992631	39.359	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	324217	41.472	ng		98
83) Chrysene	14.116	228	1008402	40.431	ng		97
84) Bis(2-ethylhexyl)phtha...	14.063	149	709181	43.735	ng		99
85) Di-n-octyl phthalate	14.680	149	1173868	43.526	ng		99
87) Indeno(1,2,3-cd)pyrene	17.098	276	1055332	45.868	ng	#	92
88) Benzo(b)fluoranthene	15.139	252	984153	42.180	ng	#	95
89) Benzo(k)fluoranthene	15.174	252	912778	41.923	ng		99
90) Benzo(a)pyrene	15.521	252	910687	44.186	ng	#	95
91) Dibenzo(a,h)anthracene	17.115	278	886871	44.593	ng	#	96
92) Benzo(g,h,i)perylene	17.556	276	902926	47.085	ng	#	89

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
Data File : BF125108.D
Acq On : 19 Aug 2021 11:39
Operator : JU/CG
Sample : PB138535BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 19 12:28:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 17:03:50 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB138535BSD

Manual Integrations APPROVED
mohammad
8/20/2021 2:23:49 PM